

#ISCC18



 **COLUMBIA UNIVERSITY**
IN THE CITY OF NEW YORK



FORDHAM UNIVERSITY
THE JESUIT UNIVERSITY OF NEW YORK



NEW YORK UNIVERSITY

WELCOME

I welcome you to the start of a unique collaboration between three great urban universities—Fordham, Columbia, and NYU—in the world’s greatest city to tackle one of the most pressing challenges facing our common home. We know that climate change is already transforming the planet, bringing challenges to ecosystems and biodiversity, as well as disproportionately impacting those weakest and most vulnerable among us. We also know that cities around the world have no choice but to confront the consequences of this transformation at the same time as they have distinctive capabilities to be a force for creative, humane solutions. We are proud to be hosting this International Conference on Sustainable Cities, fostering rigorous interdisciplinary dialogue to spark new thinking about this most urgent of issues.

Father Joseph M. McShane
President, Fordham University

Columbia University * Fordham University * New York University

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Columbia-Fordham-NYU International Conference on Sustainable Cities

May 1-2, 2018
Fordham University – Lincoln Center Campus

Tuesday, May 1, 2018

8:00 a.m. – 9:00 a.m. **Registration**

9:00 a.m. – 10:00 a.m. **Welcome and Opening Keynote Address**

140 W. 62nd Street: McNally Amphitheatre

Welcoming remarks: [Dr. Ron Jacobson](#), Associate Vice President, Office of Provost, Fordham University, and [Professor Nestor Davidson](#), Albert A. Walsh Chair in Real Estate, Land Use and Property Law at Fordham Law School

Opening Keynote: [Jonathan F.P. Rose](#), Jonathan Rose Companies

10:00 a.m. – 10:30 a.m. **Morning Coffee Break**

10:30 a.m. – 12:00 p.m. **Plenary Panel Discussion I: Resilience and Preparedness**

McNally Amphitheatre

[Jeremy Brooks](#), Columbia University, *Resilience in Louisiana: A Longitudinal Study of Recovery from the Deepwater Horizon Spill*

[Kirsten Holland](#), Columbia University, *PV Preparedness: Applying small scale solar Solutions to Disaster Planning in the Caribbean*

[Rachel Stein](#), Deputy Director, Sustainability and Resiliency, Center for NYC Neighborhoods; [Anastasia Roy](#), Resiliency Client Program Manager, APTIM, *Mitigating Flood Risk for Homeowners in Coastal Neighborhoods of NYC with Residential Resiliency Audits*

Moderator: Professor [Annike Hinze](#), Fordham Center for Urban Studies

12:00 p.m. – 1:45 p.m.

Opening Ceremony/Luncheon Keynote Address

Pope Auditorium

Chair: [Dr. Stephen Freedman](#), Provost, Fordham University

Remarks:

[Father Joseph McShane](#), President, Fordham University

[Dr. Paul Horn](#), Senior Vice Provost for Research, New York University

Keynote Speaker: [Dr. Steve Cohen](#), Senior Advisor, Columbia University Earth Institute

2:00 p.m. – 3:30 p.m.

First Breakout Sessions

Highlight on Market Innovations – LL524

[Lisa A. Chase](#), Lucky Fish Communications, *Sustainable Parking Infrastructure in New York City's Climate Resilient Landscape*

[David Ehrenberg](#), Brooklyn Navy Yard Development Corporation, *Creating a Sustainable Future for Urban Manufacturing*

[Alejandro Crawford](#), Acceleration Group (Managing Director), Bard College (Professor of Entrepreneurship), *Knickerbocker Commons and the Case for Passive Affordable Housing*

Moderator: [Geeta Tewari](#), Associate Director, Urban Law Center, Fordham Law

Land Use Regulation, Local Government Law, and Urban Data – W62L 3-09

[Martina Grecequet](#), Institute on the Environment, University of Minnesota, *Urban Adaptation Assessment: Data, Tool Development and Application*

[Michael Lewyn](#), Touro Law Center, *Market Urbanism*

[Kellen Zale](#), University of Houston Law Center, *Sustainability at the Urban Edge: Annexation, Extraterritorial Jurisdiction, and Special Districts*

Moderator: Professor [Nestor Davidson](#), Fordham Law School

Social Justice and Movement Organizing – W62L 4-07

[John Clinton](#), Visiting Associate Professor, Environmental Policy & Sustainability Management, The New School, *Leveraging "We Are Still In"-Advancing Sustainable Cities through a National Climate Change Partnerships Network*

[David Goodwin](#), Fordham University, *More Than Kale: Farmers Markets and Social Capital*

[Kartik Amarnath](#), New York City Environmental Justice Alliance, *Building Climate Justice in New York City: Integrated Resiliency Planning in Environmental Justice Communities*

Moderator: [Alison Bridges](#), Columbia Earth Institute

Urban Mobility – W62L 4-08

[Thomas Abdallah](#), MTA New York City Transit & Columbia University, *Sustainable Mass Transit*

[Meiping Sun](#), Fordham University, *Money for MetroCards: How a New Card Fee Made New York Transit Riders Invest More and Lose More*

Moderator: Professor [Rosemary Wakeman](#)

3:30 p.m. – 4:00 p.m. **Afternoon Coffee Break**

4:00 p.m. – 5:30 p.m. **Plenary Panel Discussion II: Urban Innovation and Urban Systems**

McNally Amphitheatre

[Alix Schroder](#), Columbia University's Earth Institute; [Hayley Martinez](#), Columbia University's Earth Institute; [Kelsie DeFrancia](#), Columbia University's Earth Institute, *Moving Towards 100% Renewable Energy: Drivers Behind U.S. City Policies and Pledges*

[Ergem Senyuva Tohumcu](#), Fordham University, *Becoming a Circular City: The Case of London*

[Amanda K. Winter](#), University of Nottingham, *Nottingham's Urban Sustainability Fix*

Moderator: Professor [Rae Zimmerman](#), New York University

5:30 p.m. – 7:30 p.m. **Welcome Reception**

Lowenstein: Cafe Atrium

Hosted by Columbia University

Welcoming remarks by [Jacqueline Klopp](#), Associate Research Scholar at the Center for Sustainable Urban Development, Columbia University

Wednesday, May 2, 2018

8:00 a.m. – 9:00 a.m. **Registration**

9:00 a.m. – 9:45 a.m. **Second-Day Morning Keynote**

McNally Amphitheatre

Chair: [Alison Miller](#), Columbia Earth Institute

[Shelley Poticha](#), Director, Urban Solutions, Natural Resources Defense Council

10:00 a.m. – 11:30 a.m. **Second Breakout Sessions**

Education, Community Engagement, and Social Licenses – W62L 8-01

[Jason Aloisio](#), Wildlife Conservation Society, *Ecology in Urbanity: Youth Development and Environmental Education in the 21st Century*

[Jaroslava Pallas](#), Wayne State University, *City Roots: Integrating Community Engagement in Sustainability Planning for an Urban Campus*

[Gina Warren](#), University of Houston Law Center, *Big Sports Events Have Big Environmental and Social Consequences*

Moderator: Professor [Eric Chen](#), Fordham Graduate School of Education

Green Finance and Other Models – LL400

[Julia M. Puauschunder](#), Columbia University, The New School Department of Economics, Schwartz Center for Economic Policy Analysis, *Climate Change Burden Sharing with Bonds*

[Denisha Williams](#), Adjunct Assistant Professor, Fordham University, VART Department, *Beyond Brownfields: New York's Brownfield Opportunity Area Program as a Model for Catalytic, Cross-Sector Community Revitalization*

[Rae Zimmerman](#), New York University, *Greening Infrastructure Finance for Sustainable Infrastructure Innovations*

Moderator: [Geeta Tewari](#), Associate Director, Urban Law Center, Fordham Law

Green Roofs – LL602

[Alan Burchell](#), *Integrated Solar and Vegetated Green Roofs: a Swiss Army Knife of Public and Private Benefits*

[Dustin R. Partridge](#), New York City Audubon/Fordham University, *The New York City Green Roof Researchers Alliance: A Case of Cross Disciplinary Collaboration*

[Danielle Spiegel-Feld](#), Guarini Center on Environmental, Energy and Land Use Law, NYU Law, *Expanding Green Roofs in New York City: Towards a Location-Specific Tax Incentive*

Moderator: Professor [J.D. Lewis](#), Fordham University

11:30 a.m. – 11:45 a.m. **Morning Coffee Break**

11:45 a.m. – 1:15 p.m. **Plenary Panel Discussion III: The Place of Justice in the City
Sustainability Movement: Leading-Edge Efforts to Expand Access to Justice
and Support the Rule of Law**

McNally Amphitheatre

[Steven Banks](#), Commissioner, Department of Social Services, New York City

[Seema Iyer](#), PhD, Associate Director, Jacob France Institute, Baltimore Neighborhood Indicators Alliance, Merrick School of Business, University of Baltimore

[Anthony Pipa](#), Senior Fellow, Global Economy and Development, Brookings Institution

Moderator: [David Udell](#), Executive Director, National Center for Access to Justice; Co-director, A2J Initiative at Fordham Law School

1:15 p.m. – 2:15 p.m. **Lunch Buffet and Luncheon Keynote Address**

Platt Court and McNally Amphitheatre

Hosted by New York University

Welcoming remarks from [Dean Sherry Glied](#), Dean of New York University's Robert F. Wagner Graduate School of Public Service

Keynote Speaker: [Dr. Julia Lane](#), Professor of Public Service at the NYU Wagner Graduate School of Public Service

2:15 p.m. – 3:45 p.m.

Third Breakout Sessions

Sustainability, Development, and Informality – W62LAW 7-02

[Ayad M. Altaai](#), International Consultant, *Sustainable Cities and Research Infrastructure in Developing Countries*

[Carlos Rufin](#), Suffolk University, *Violence and Sustainable Access to Basic Services in Informal Urban Communities*

Moderator: [Dr. Ron Jacobson](#), Associate Vice President, Continuing Education and Professional Development, Fordham University

Urban Ecosystems and Habitats – W62LAW 7-03

[J. Alan Clark](#), Fordham University, *Green Roofs as Functional Urban Wildlife Habitat*

[Matthew Combs](#), Fordham University, *Harnessing Ecology and Evolution for Sustainable Management of Urban Rat Populations*

[Christine Sheppard](#), American Bird Conservancy, *Bird Mortality from Collisions with Glass: An Issue of Urban Sustainability*

Moderator: [Professor Jason Munshi-South](#), Fordham University

Shoreline Dynamics in Urban Sustainability – LL1013

[Mark L. Botton](#), Fordham University, Department of Natural Sciences, *Assessing the Biological Effects of Beach Replenishment on Urban Shorelines: An Example from Jamaica Bay, NYC*

[Colleen Cochran](#), Fordham University, *What We Know and What We Think We Know: Common Coastal Management Facts and Their Misconceptions Revealed*

[Melissa Zavala](#), John Jay College-CUNY, *Bioengineering Coastlines: Constructing Grasslands and Wetlands Out of Landfill*

Moderator: Professor [Kyle Mandli](#), Columbia University

Water Infrastructure, Valuation and Risk – LL308

[Kimberly E. Diamond](#), Adjunct Professor of Energy Law, Fordham Law School, *Sponge Cities: Why the Road to Sustainable Cities Needs to be Paved with Water*

[WeiWei Liu](#), Assistant Professor, Department of Economics, AddRan College of Liberal Arts, Texas Christian University, *Valuation of Water Level: A Spatial Hedonic Analysis on Lakeshore Properties*

[Sridhar Vedachalam](#), Northeast-Midwest Institute, *The Role of Water Infrastructure in Building Sustainable Cities in The Northeast-Midwest Region*

Moderator: [Professor J.D. Lewis](#), Fordham University

3:45 p.m. – 4:15 p.m.

Afternoon Coffee Break

4:15 p.m. – 5:00 p.m.

Closing Discussion on Lessons Learned and Next Steps

McNally Amphitheatre

Moderator: **Dr. George Hong**, Chief Research Officer and Associate Vice President for Academic Affairs at Fordham University

Dr. Rosemary Wakeman, Professor of History and Coordinator of the Fordham Urban Consortium

Professor Nestor Davidson, Albert A. Walsh Chair in Real Estate, Land Use and Property Law at Fordham Law School

Dr. Julia Lane, Professor of Public Service at the NYU Wagner Graduate School of Public Service

Professor Nilda Mesa, Director, Urban Sustainability and Equity Planning, Urban Design Lab, The Earth Institute, Adjunct Professor, School of International and Public Affairs, Columbia University

Closing Remarks: Dr. George Hong, Chief Research Officer and Associate Vice President for Academic Affairs at Fordham University

Participant Biographies



Thomas Abdallah Thomas Abdallah, P.E. LEED AP, is the Deputy Vice President and Chief Environmental Engineer for the MTA New York City Transit. He holds a B.S. in Chemical Engineering from Rutgers University, and is a Professional Engineer and a LEED® Accredited Professional. Thomas has been with MTA since 1987. Thomas has extensive experience including sustainable design, energy efficiency, noise and vibration, pollution prevention, waste management, and is directly responsible for New York City Transit's certified ISO 14001 Environmental Management System. He is also in charge of several LEED projects including the Corona Maintenance Shop, the first U.S. transportation facility to gain certification, and the Gold Certified Mother Clara Hale Bus Depot. Thomas is also an Adjunct Professor at Columbia University in the Sustainability Management graduate program, and is the author of Sustainable Mass Transit: Challenges and Opportunities in Urban Public Transportation which discusses the sustainable attributes of mass transportation, and the ways it can become more energy efficient, less reliant on fossil fuels, and reduce carbon footprint.



Kartik Amainath is the Energy Planner for NYC Environmental Justice Alliance. He provides outreach, advocacy, and research support for REVitalize, a partnership focused on community-led energy planning, along with NYC-EJA's ongoing energy campaign work. He has previously worked with the HOPE Foundation, Centers for Disease Control, National Science Foundation's REU program, Democracy Now!, C40, and the New School's Tishman Environment and Design Center. He spent the 2013-2014 academic year in Kuala Lumpur, Malaysia as a Fulbright researcher studying the impacts of environmental

gentrification in his mother's childhood neighborhood. Born in Indianapolis, he was raised in four countries and is of Sri Lankan Tamil and Indo-Malaysian descent. He received a B.A. in Biology with minors in Anthropology and Philosophy from DePauw University and a M.S. in Design and Urban Ecologies from the New School.



Jason Aloisio is the Manager of Project TRUE (Teens Researching Urban Ecology) at the Wildlife Conservation Society where his research focuses on urban ecology and science education. Through an Advancing Informal Science Learning grant from National Science Foundation he manages a 75-person urban ecology research mentoring program in New York City called Project TRUE, which aims to prepare the next generation of conservation and environmental professionals.



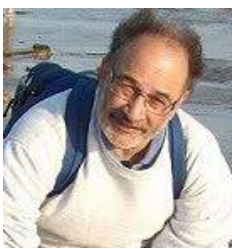
Ayad M. Altaai has a long multi-faceted professional life spread across a period of 42 years in civil service, international cooperation and private sector. His main fields of experience include sustainable development, human settlements, environmental management, transportation, and road safety. He has managed design, research and international cooperation departments; and infrastructure projects. He also provided advisory services to governments, international organizations, including the United Nations, universities, and consultancy firms in Iraq, USA, Saudi Arabia, Qatar, and the UAE. He has initiated national, regional and international programmes and projects in the fields of sustainable development, capacity building, environmental data, municipal management, transportation, road safety, road maintenance, parking policy, and international technical cooperation.



Steven Banks Mayor Bill de Blasio appointed Steven Banks as Commissioner of the New York City Human Resources Administration/Department of Social Services (HRA) in 2014. Commissioner Banks is a key leader in implementing Mayor

de Blasio's agenda to expand opportunity for more New Yorkers, address income inequality, and ensure that New Yorkers receive the benefits and assistance to which they are entitled.

In April 2016, following a comprehensive review of the City's homelessness policies, Mayor de Blasio appointed Commissioner Banks to lead the Department of Homeless Services (DHS), in addition to HRA, as head of a joint management structure under the Department of Social Services (DSS). Steven Banks has dedicated his entire career to improving the lives of low-income New Yorkers. Throughout his 33 years with the Legal Aid Society prior to his appointment, Banks developed an extensive track record of working productively with a unionized workforce and helping the city's most vulnerable residents – including seniors, survivors of domestic violence, immigrants, and people living with HIV/AIDS – navigate DSS' programs and services.



Dr. Mark L. Botton is Professor of Biology in the Department of Natural Sciences at Fordham University – Lincoln Center in New York City. He is the Co-Director of Fordham's Environmental Science

Program. Dr. Botton received his Bachelor's degree in Biology from Stony Brook University, his Master's degree in Biology from Brooklyn College, and his Ph.D. in Zoology from Rutgers University. For his doctorate, he studied the feeding ecology of horseshoe crab in Delaware Bay and coastal New Jersey, and he has since published over 50 articles and book chapters on various aspects of horseshoe crab biology, including feeding ecology, mating behavior, the effects of pollution on developmental success, and population and conservation biology. He co-edited the books, "Biology and Conservation of Horseshoe Crabs," and "Changing Global

Perspectives on Horseshoe Crab Biology, Conservation and Management," both published by Springer. Dr. Botton is the Co-Chairman of the IUCN (International Union for the Conservation of Nature) Horseshoe Crab Species Specialist Group.



Dr. Alison Bridges is an Earth Institute Postdoctoral Fellow in the Research Program on Sustainability Policy and Management. She received her PhD from the Bloustein School of Planning and Public Policy at Rutgers University. As a

National Science Foundation IGERT Fellow, her dissertation explored the role of institutional and technological innovation in improving the sustainability of urban systems, particularly in the land and energy sectors in Brazil. During her postdoctoral appointment, Dr. Bridges is continuing her research on institutions, local level governance, and the use of sustainability indicators in decision making. Prior to earning her PhD, she worked for the World Bank and the World Health Organization, in addition to studying microfinance as a Fulbright Fellow in Indonesia. She also holds degrees from New York University (MA), The New School (MA), and the University of Georgia (BA).



Jeremy Brooks is a Project Manager at the National Center for Disaster Preparedness at the Earth Institute at Columbia University. His current projects include a FEMA

grant creating in-person and online training courses on post-disaster housing and economic recovery and working as a data manager for the Resilient Children, Youth, and Communities project which is examining the physical and mental health effects of the Deepwater Horizon oil spill on children. Jeremy graduated from the Mailman School of Public Health with an MPH in Environmental Health Sciences in 2017 and a Certificate in Environmental Health Policy.



Alan Burchell A professionally licensed mechanical engineer, Alan Burchell is also an accredited leader in energy and environmental design with a focus on Building Design and Construction (LEED AP

BD+C), and a certified Green Roof Professional. For the past ten years he has worked for diverse, global organizations, including Spanish wind turbine manufacturer, Gamesa Wind. Alan has experience in over 60 countries and all seven continents, including Antarctica where he studied first-hand the effects of climate change, as part of an elite expedition team of worldwide industry experts.



Jeff Byles is a community revitalization consultant deeply committed to the belief that communities can be inspired and renewed through the power of place. Jeff draws on twenty years of experience in writing,

editing, research, program development, and public engagement. In his role as Partnership Director of Being Here Landscape Architecture & Environmental Design, PLLC, Jeff works collaboratively with public and private-sector partners to help places— from rural to urban, and at scales from small sites to neighborhoods to regions — create ecological, social, and economic vitality. Jeff’s expertise in community revitalization includes leadership roles at Van Alen Institute, where he led design competitions devoted to creating more inclusive and resilient places for partners such as the U.S. National Park Service and the U.S. Department of Housing and Urban Development. Jeff has lectured internationally on architecture, landscape, and the future of the city. He holds a M.F.A. in Creative Nonfiction from the University of Alaska at Anchorage.



Lisa A. Chase has researched and written extensively on sustainable design and development for Harvard Graduate School of Design, Harvard University’s Real Estate Academic Initiative and Harvard

Business School, and has co-authored publications on social entrepreneurship and corporate social responsibility in *Stanford Social Innovation Review* and *Harvard Business Review*. Lisa runs a strategic communications consultancy, Lucky Fish Communications, specializing in research and content development for social enterprises. She is a partner in Two Willows Consulting, a boutique energy consultancy focused on transportation solutions for the built environment.



Eric Chen is an Associate Professor of Counseling Psychology at Fordham University. He previously served as the Training Director of the PhD Counseling Psychology program as well as a

Department Chair. His academic publications and teaching interests include clinical supervision, group counseling, research methods, multicultural issues and competencies, and concealable stigmatized identities of socially marginalized individuals. An American Psychological Association Fellow, Dr. Chen has served on the editorial board of the *Journal of Counseling Psychology* and was an Associate Editor for *Group Dynamics: Theory, Research, and Practice*.



J. Alan Clark is an Associate Professor of Biology at Fordham University and Program Coordinator for Fordham's Graduate Certificate in Conservation Biology. Alan is also Adjunct

Faculty at Fordham's School of Law. In addition to undergraduate degrees in both religion and music education, Alan has graduate degrees in Natural Resource Policy, Law, and Biology. Alan is primarily interested in behavioral ecology and conservation biology and how law, policy, and science interact regarding threatened species. Of primary interest to Alan is the role of conservation in urban ecology. Alan's current research includes issues facing birds and bats migrating at night through major urban areas, the impact of urban "green roofs" on wildlife, and penguin breeding ecology.



John Clinton is currently Visiting Associate Professor of Environmental Policy and Sustainability Management at The New School, and served as the graduate program's

founding director, faculty adviser to the Sustainable Cities Club student organization, and was the co-lead faculty for the university's entry in the Solar Decathlon—an international competition sponsored by the US Department of Energy to design and build a model house that is environmentally, socially, and financially sustainable, in which The New School was a finalist and won the Affordability Competition. Clinton has also served as chair of the undergraduate Environmental Studies program, and as special adviser to the provost.



Colleen Cochran is studying Economics, Environmental Studies, and Sustainable Business at Fordham University. Colleen grew up on the Jersey Shore. Like many residents along the

Mid-Atlantic coast, Hurricane Sandy devastated her community. She was determined to make a difference and set out on a research journey to fortify coastal dunes. Colleen began conducting research by investigating the best fencing methods to build better dunes. Bianca Charbonneau, a doctoral candidate at the University of Pennsylvania, mentors Colleen on dune ecology research. Last summer Colleen studied natural plant recolonization on unvegetated habitats present on post-hurricane dune systems. This summer she will be investigating photosynthetic patterns of dune vegetation under the mentorship of Bianca Charbonneau and Dr. Steven Franks, a biology professor at Fordham University.



Dr. Steve Cohen is a Professor in the Practice of Public Affairs at Columbia University's School of International and Public Affairs and the Director of the Research Program on Sustainability Policy and Management at Columbia

University's Earth Institute. Dr. Cohen is the former Executive Director of Columbia University's Earth Institute, and now serves as a senior advisor for the Institute. He is a former policy analyst and consultant to the U.S. Environmental Protection Agency. Dr. Cohen is the author of *The Sustainable City* (2017) and other seven books. He has written numerous articles on public management, sustainability management, and environmental policy.



Matthew Combs is a PhD candidate at Fordham University’s Graduate School of Arts and Sciences in the department of biological sciences, where he studies the ecology and evolution of urban brown

rats. He graduated with a B.A. from Hamilton College where he spent time studying autoimmune disorders, the effect of climate change on ant ecology, and invasive plant distributions. As a graduate student, Matt uses a combination of genetics and spatial statistics to investigate patterns of commensal rodent migration in response to the natural, social, and structural variation of urban environments. He hopes to better understand anthropogenic impacts on the evolution of wildlife and help develop improved strategies for rodent population management.



Alejandro Crawford holds several positions focused on unleashing the innovative capacities of companies and communities. After years of experience fostering transformative thinking and encouraging sustainable

disruption, Alejandro has made it his mission to expand the pool of people equipped to make solutions real. As Managing Director of Acceleration Group, he enables executives, investors, governments, universities and NGOs to catalyze bottom-up innovation and harness “acceleration moments.” As CEO of RebelBase and Head of Strategy for Tangible Creative, he enables innovators and entrepreneurs to prove their concepts, garner resources, and scale impact and returns. As a professor of entrepreneurship and digital innovation, he has launched change-makers and innovators across a half-dozen universities. Beyond these roles, he writes, speaks, develops frameworks for expanding access to entrepreneurship, and builds platforms, partnerships and strategies to release the potential for sustainable growth.



Nestor Davidson joined Fordham in 2011 and was named to the Albert A. Walsh Chair in Real Estate, Land Use and Property Law in 2017. Professor Davidson has published widely in the

fields of property theory, urban law, and affordable housing law and policy. Professor Davidson earned his AB from Harvard College and his JD from Columbia Law School. After law school, he clerked for Judge David S. Tatel of the United States Court of Appeals for the District of Columbia Circuit and Justice David H. Souter of the Supreme Court of the United States. Professor Davidson then practiced with the firm of Latham and Watkins, focusing on commercial real estate and affordable housing, and served as Special Counsel and Principal Deputy General Counsel at the U.S. Department of Housing and Urban Development. He currently serves as a Member of the Board of the New York State Housing Finance Agency.



Kelsie DeFrancia is Assistant Director for the Research Program on Sustainability Policy and Management, where she is responsible for administrative, operational, and financial management of the

program, as well as providing stewardship and research support. She is also a lecturer in sustainability management at Columbia’s School of Professional Studies and has provided curriculum development on sustainable development topics for Columbia’s School of International and Public Affairs. DeFrancia has co-authored papers, articles, and studies on sustainability metrics and Chinese environmental policy. She received her Master of Public Administration in Environmental Science and Policy from Columbia’s School of International and Public Affairs and her BA in Environmental Studies and Spanish from Westminster College in Utah.



Kimberly E. Diamond

Kim Diamond is an Adjunct Professor of Energy Law at Fordham Law School in New York City, with 20 years of experience practicing transactional law in large, international law firms. A graduate of

Cornell Law School and the University of Michigan, Kim is a leader in the legal community as well as a recognized thought leader in the renewable energy, smart cities, and energy policy areas. She has served as Co-Chair of the Special Committee on Congressional Relations within the American Bar Association's (ABA's) Section of Environment, Energy & Resources and also has served as Co-Chair of the ABA's award-winning Renewable, Alternative, and Distributed Energy Resources (RADER) Committee. She is the immediate past Chair of the New York/New Jersey Chapter of Women in Renewable Industries and Sustainable Energy (WRISE) and served as a Wind Energy Ambassador for the Wind Energy Foundation.



David Ehrenberg is president and CEO of the Brooklyn Navy Yard Development Corporation, a non-profit committed to growing manufacturing and

creating accessible middle-class jobs. BNYDC operates the 300-acre industrial park, which currently is home to more than 400 businesses employing some 7,000 people. Today, the Brooklyn Navy Yard is in the midst of the largest expansion of manufacturing in New York City in more than a century, and will more than double employment to 20,000 by 2020.”



Provost Stephen Freedman

Stephen Freedman is the provost of Fordham University and a professor of ecology and evolutionary biology. He leads the University's schools and colleges, research centers and institutes, and other academic units Dr. Freedman joined Loyola University Chicago in 1978 and served for 24 years

as a professor in the Department of Natural Science, a member of the graduate faculty in the Department of Biology, and the dean of Mundelein College. He served as academic vice president at Gonzaga University in Spokane, Washington, from 2002 to 2007, before joining Fordham as senior vice president and chief academic officer. He became provost in 2010.



Dean Sherry Glied is the Dean of New York University's Robert F. Wagner Graduate School of Public Service. From 1989-2013, she was Professor of Health Policy and Management at Columbia University's Mailman School of Public Health. She was

Chair of the Department of Health Policy and Management from 1998-2009. On June 22, 2010, Glied was confirmed by the U.S. Senate as Assistant Secretary for Planning and Evaluation at the Department of Health and Human Services, and served in that capacity from July 2010 through August 2012. She had previously served as Senior Economist for health care and labor market policy on the President's Council of Economic Advisers in 1992-1993, under Presidents Bush and Clinton, and participated in the Clinton Health Care Task Force. She has been elected to the Institute of Medicine of the National Academy of Sciences, the National Academy of Social Insurance, and the Board of AcademyHealth, and has been a member of the Congressional Budget Office's Panel of Health Advisers.



David Goodwin is the author of *Left Bank of the Hudson: Jersey City and the Artists of 111 1st Street* (Fordham University Press, 2017). His book explores the relationship between artists,

cities, and gentrification. He is a past commissioner and chairman of the Jersey City Historic Preservation Commission. Currently, he serves as a board member of the Jersey City Landmarks Conservancy. Goodwin is Head of Circulation and Access at the Maloney Library of Fordham University School of Law and he has taught at Fordham University.



Kirsten Holland is pursuing an MPA in Energy and Environmental Policy at Columbia University's School of International and Public Affairs (SIPA). At SIPA, she is part of a team that received funding to develop and

implement a pilot program assessing the potential role of small-scale, portable solar products in disaster planning and preparedness in the Dominican Republic. Prior to SIPA, Kirsten served as the Policy Manager for Advocacy Associates, a boutique policy and advocacy consulting firm in Washington, DC. In this role, she advised clients on their grassroots advocacy strategies and tracked legislation relating to urban planning and conservation policy. In addition, she managed the Center for Transportation Excellence, where she monitored state and local ballot initiatives for public transportation and organized the biannual Transit Initiatives and Communities Conference



Martina Grecequet is a research associate at the Institute on the Environment (IonE) at the University of Minnesota and active collaborator of the Notre Dame Global Adaptation Initiative. Her research focuses on assessing climate risk and

adaptation potential across cities and countries. She also explores linkages between human movement and climate vulnerability across the world. Before joining the University of Minnesota, Martina Grecequet was a research fellow at the Earth Institute of the Columbia University, working on International Nitrogen Initiative project and earned her Master and PhD in Environmental Science from Wageningen University in the Netherlands



Dr. Z. George Hong is the Chief Research Officer and Associate Vice President for Academic Affairs at Fordham University. He is the Chair of the organizing committee for the International Conference

on Sustainable Cities. Dr. Hong is also a professor in the Graduate School of Religion and Religious Education. His research focuses on the digital study of religions, urban China and economic history. Dr. Hong has published several books and many research articles and book chapters in the fields of the spatial study of Chinese religious sites and modern China. His recent book, *The Price of China's Economic Development: Power, Capital, and the Poverty of Rights*, has been published by the University Press of Kentucky in 2015. As a PI and co-PI, he has received more than \$12 million in grants in support of his interdisciplinary research projects.



Annike Hinze is an Assistant Professor of Political Science and the Director of the Urban Studies Program at Fordham University. She is interested in urban development policy and urban immigrant communities.



Dr. Paul Horn is Senior Vice Provost for Research and Senior Vice Dean for Strategic Initiatives and Entrepreneurship at the Tandon School of Engineering. Dr. Horn is

responsible for providing University-wide leadership in advancing research at NYU, coordinating research among various schools of the University, and shaping the strategic planning for the University's research enterprise. Prior to his NYU position, he was Senior Vice President of the IBM Corporation and Executive Director of Research. Prior to joining IBM in 1979, Dr. Horn was a professor of physics in the James Franck Institute and the Physics Department at the University of Chicago.



Dr. Seema Iyer is associate director and research assistant professor for the Jacob France Institute in the University of Baltimore's Merrick School of Business. She has overseen the Baltimore Neighborhood Indicators Alliance (BNIA) since 2011, which produces the annual Vital Signs report

and open data portal tracking quality of life indicators for all of Baltimore's neighborhoods. In 2016, BNIA helped pilot the Sustainable Cities Initiative to localize the newly-adopted UN Sustainable Development Goals for Baltimore City. Dr. Iyer is program director for the Real Estate & Economic Development program at UB. Prior to joining UB, Iyer served as Chief of Research & Strategic Planning for Baltimore City's Planning Department. Dr. Iyer holds a Ph.D. in urban and regional planning from the University of Michigan, Ann Arbor, specializing in comprehensive and strategic planning for community development.



Jacqueline Klopp Jacqueline Klopp is an Associate Research Scholar at the Center for Sustainable Urban Development at Columbia University. Previously, she taught for many years at the School of International and Public Affairs at Columbia University where

she remains affiliated. Her research focuses at the intersection of sustainable land use, democratization, violence, displacement and corruption. Klopp is the author of articles for Africa Today, African Studies Review, African Studies, Canadian Journal of African Studies, Comparative Politics, Forced Migration Review, Urban Forum, World Policy Review among others. She is also a founder and Board member of the Internal Displacement Policy and Advocacy Center ([IDPAC](#)) based in Nakuru, Kenya. She is writing a book on the politics of planning in Nairobi and is taking an increasing interest in ICT and questions of public participation in policymaking around planning.



Dr. Ron Jacobson is an Associate Vice President in the Office of the Provost, and a professor of communication and media studies at Fordham University. His current administrative portfolio includes supporting the Bronx

Science Consortium, the Social Innovation Collaboratory, and the Urban Consortium.



Dr. Julia Lane is a Professor at CUSP, and at NYU's Wagner Graduate School of Public Service. She also serves as a Provostial Fellow for Innovation Analytics and Senior Fellow at NYU's GovLab. As part of the

CUSP team, Dr. Lane works with the research team to build the CUSP Data User Facility. Previous to this, Julia was a Senior Managing Economist and Institute Fellow at American Institutes for Research. In this role, Julia established the Center for Science

of Science and Innovation Policy Program, and co-founded the Institute for Research on Innovation and Science (IRIS) at the University of Michigan. Julia has held positions at the National Science Foundation, The Urban Institute, The World Bank, American University and NORC at the University at Chicago.



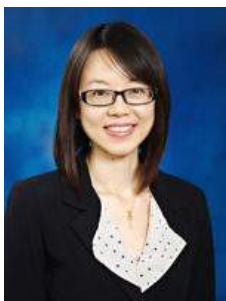
J.D. Lewis currently is Professor and Chair in the Department of Biological Sciences at Fordham, as well as Chair of the University Research Council and Director of the Center for Urban Ecology.

Previously, they worked with the U.S. Environmental Protection Agency, as a National Research Council Resident Research Associate, in Corvallis, Oregon, where they studied the effects of climate change on managed forests. JD's current research focuses on community and ecosystem responses to urbanization, and teaches on a range of topics, including Community Ecology, Ecosystem Ecology and Methods in Ecology, as well as Human Biology.



Michael Lewyn teaches at Touro Law Center. He received his J.D. from the University of Pennsylvania and an L.L.M. from the University of Toronto. After clerking for two federal

judges and practicing law for several years, he began his teaching career. Most of Professor Lewyn's scholarship focuses on suburban sprawl and housing affordability. Most of his work can be found at <http://works.bepress.com/lewyn> or <http://works.bepress.com/lewyn>



Dr. Weiwei Liu is an assistant professor in Department of Economics AddRan College of Liberal Arts Texas Christian University. Dr. Liu received her B.S. from Shandong University, China in 2005; M.A. from Nankai University, China in 2007; M.A. (Binghamton

University), 2009; Ph.D. (Binghamton University), 2012.

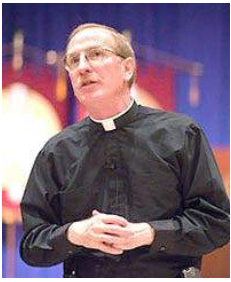


Kyle Mandli is Assistant Professor of Applied Mathematics in the department of Applied Physics and Applied Mathematics and affiliated with the Columbia Data Science Institute. Before

Columbia he was at the University of Texas at Austin where he was a Research Associate at the Institute for Computational and Engineering Sciences working in the computational hydraulics group. He received his Ph.D. in Applied Mathematics in 2011 from the University of Washington studying multi-layered flow as it applies to storm-surge simulation. His research interests involve the computational and analytical aspects of geophysical shallow mass flows such as storm-surge, tsunamis, and other coastal flooding. This also includes the development of advanced computational approaches, such as adaptive mesh refinement, leveraging novel computational technologies, such as accelerators, and the application of good software development practices as applied more generally to scientific and engineering software.



Hayley Martinez is a Program Manager in the Executive Director's Office at the Earth Institute, where she supports operations and writes and researches on a number of topics related to sustainability policy. She previously worked as a project assistant at the New York City Department of Health and Mental Hygiene for the Climate Change Adaptation Program. Hayley has an MPH in Environmental Health Policy from Columbia University, Mailman School of Public Health, and a BS in Psychobiology from the University of California, Los Angeles.



Father Joseph McShane is a native of New York, Father McShane entered the Society of Jesus in 1967 and was ordained a priest in 1977. He received both a bachelor's degree and a master's degree from Boston College, and master's degrees in theology from the Jesuit School of Theology at Berkeley in 1977. He completed his doctorate, in the history of Christianity, at the University of Chicago in 1981. He served as a member of the Department of Religious Studies at LeMoyne College in Syracuse, New York, from 1981 to 1992. He served as the dean of Fordham College at Rose Hill from 1992 to 1998. In 1998, he became president of the University of Scranton, a post that he held until he returned to Fordham in 2003 to assume the Fordham presidency.



Professor Nilda Mesa is Director of the NYC Mayor's Office of Sustainability. Prior to joining the de Blasio administration, Mesa worked at Columbia University in several roles, including as the Assistant Vice President of Environmental Stewardship, Adjunct Professor at the School of International and Public Affairs, and as the Associate Dean of Administrative Affairs at the Graduate School of Journalism. Previously, Mesa served in the Clinton Administration in key environmental policy roles at the White House Council on Environmental Quality, and in the US Air Force. She also served at the U.S. Environmental Protection Agency as Counsel to the NAFTA Taskforce, where she led U.S. legal negotiations with Canada and Mexico, and implemented legislation related to trade and the environment. Mesa began her career at the California Attorney General's Office, enforcing toxic waste and natural resources laws.



Alison Miller is the Deputy Director for Management of Columbia University's Earth Institute and a Lecturer in Columbia's School of International and Public Affairs and School of Professional Studies. She is also the Associate Director of the Research Program on Sustainability Policy and Management at the Earth Institute, where she engages in research related to organization-level sustainability issues. Prior to Columbia, Miller worked as a business development associate for an asset management firm. She has written about climate policy, sustainability metrics, and management. Miller is the co-author, with Steven Cohen and William Eimicke, of *Sustainability Policy: Hastening the Transition to a Cleaner Economy*. She teaches courses on sustainable development and sustainability management and policy.



Professor Jason Munshi-South, is an Associate Professor of Biological Sciences at Fordham University. His lab focuses on the evolutionary implications of urbanization for wild populations, with a special focus on rodents in New York City. Members of his research group conduct field work throughout the northeastern USA, and conduct laboratory work at the Louis Calder Center, Fordham's biological field station in Armonk, NY.



Jaroslava Pallas is a PhD student in Urban Anthropology and a Trainee of the National Science Foundation interdisciplinary research program in urban sustainability ([T-RUST](#)). Her dissertation research compares brownfield redevelopment strategies of two city parks in Detroit and Berlin, and the impact of sustainability driven vacant land redevelopment projects on surroundings communities. Additionally, she is

a co-investigator of an multidisciplinary project in Detroit, titled *Interdisciplinary Phragmites management as a model for sustainable, community-led invasive species solutions for urban parks*, which explores invasive species management strategies and community engagement. She currently works for the Office of Campus Sustainability at Wayne State University.



Dustin R. Partridge is the Green Roof Program Manager and Ecologist at New York City Audubon, and a Ph.D. Candidate at Fordham University. Dustin's dissertation titled "Urban Green Roofs as Wildlife Habitat" examines

insect and bird use of green roofs. Dustin is currently the manager of the Green Roof Researchers Alliance, a consortium of over 50 members from 16 institutions. Before joining Fordham and New York City Audubon, Dustin was an ecologist at a New York environmental consulting firm where he worked on projects in environmental impact assessment, marine fisheries, renewable energy and habitat restoration.



Shelly Poticha leads NRDC's Healthy People & Thriving Communities program, which advances strategies that create strong, just, and resilient communities.

She works with local, national, and global leaders to make cities part of the answer to climate change while ensuring that all people can lead healthy, thriving lives. Previously Poticha was a senior political appointee in the Obama administration, where she led the federal Partnership for Sustainable Communities and launched the Office of Sustainable Housing and Communities at the U.S. Department of Housing and Urban Development. She also served as president and CEO of Reconnecting America and as executive director of the Congress for the New Urbanism following 10 years as an urban planner.



Julia M. Puaschunder Studied Philosophy/Psychology (MPhil), Business (MBA), Public Administration (MPA), Social and Economic Sciences (Doctor), Natural Sciences (Doctor), Science, Law and Economics. Julia

M. Puaschunder has launched and administered research projects in Australia, Austria, Canada, China, Germany, Indonesia, Switzerland, and the United States. Throughout her academic career, Julia was invited to present and/or publish her research at Harvard, Princeton, Columbia, Brown, Oxford and Cambridge University as well as The Academic Council on the United Nations System. Currently, she conducts research as a Prize Fellow in the Inter-University Consortium of New York affiliated with Columbia University, Princeton University, The New School and the Schwartz Center for Economic Policy Analysis.



Tony Pipa is a senior fellow in Global Economy and Development at the Brookings Institution. He is the former Chief Strategy Officer at USAID and was U.S. Special

Coordinator for the Post-2015 Agenda at the U.S. Department of State, where he led the U.S. delegation at the United Nations to negotiate and adopt the Sustainable Development Goals (SDGs). He has more than 25 years of leadership experience in the philanthropic and public sectors addressing poverty and facilitating inclusive economic development in the U.S. and globally. He has served as director of the NGO Leaders Forum at Harvard Kennedy School; founding CEO of the Warner Foundation; and helped launch Foundation for Louisiana in the aftermath of hurricane Katrina. He attended Stanford University, was graduated from Duke University, and earned a Master of Public Administration at the Harvard Kennedy School.



Anastasia Roy has 10 years of experience developing sustainable solutions for utilities, government agencies and private clients in the New York City metro area. She holds a Master of Public Administration in

Environmental Science and Policy from Columbia University. Her experience includes launching and managing energy efficiency, resiliency and green building programs with a focus on marketing and customer engagement. She joined APTIM in January of 2018 and currently works to develop resiliency solutions for municipalities across the U.S.



Jonathan F.P. Rose's business, public policy and not-for-profit work all focus on creating more environmentally, socially and economically resilient cities. In 1989, Mr. Rose

founded Jonathan Rose Companies LLC, a multi-disciplinary real estate development, planning, and investment firm, which creates real estate and planning models to address the challenges of the 21st century. Jonathan has lead the firm's vision, program and growth, developing award winning new projects, investment funds and city plans to model solutions to the issues of housing, economic development and the environment.

The company's mission is to develop communities that enhance opportunity for all. The firm's work touches many aspects of community health; working with cities and not-for-profits to build affordable and mixed-income housing, cultural, health and educational infrastructure, and advocates for neighborhoods to be enriched with parks and open space, mass transit, jobs and healthy food.



Carlos Rufin is Associate Professor of International Business at Suffolk University's Sawyer Business School, and a Senior Associate at the Institute for International Urban Development. He teaches and conducts

research on infrastructure-related governance in developing countries, multi-stakeholder partnerships, the interaction between business and informal institutions, and sustainable urbanization. He has also worked as an independent consultant with a variety of organizations around the world, such as the World Bank, the Inter-American Development Bank, and the United States Agency for International Development. He is the author of two books and numerous articles in major international journals, and has been a guest scholar and speaker at many events and universities in different parts of the world. Dr. Rufin has a PhD in Public Policy with a specialization in economic development from Harvard University, as well as an M.A. degree in Economics from Columbia University and a BA in Economics from Princeton University



Alix Schroder is Special Projects Manager at the Earth Institute Affiliate: The Earth Institute, Columbia University



Christine Sheppard earned her B.A. and Ph.D. at Cornell. Her first job was at the Bronx Zoo, where she started as intern, and ended as Curator of Birds. Zoos deal with of their buildings causing mortality of wild

birds and glass exhibit walls, windows and handrails bring bird collision problems inside. In 2007, Dr. Sheppard joined the board of the Bird-safe Glass Foundation as science advisor. She conducts basic research into the effectiveness of different patterns in preventing bird collisions. In 2009, she moved to the American Bird Conservancy as Director of their Glass Collisions Program and has recently published a revised, second edition of her Bird-friendly Building Design. She has created AIA/LEED continuing education classes on Bird-friendly Design, helped create San Francisco's Standards for Bird-safe Buildings and was part of the team that developed USGBC LEED Pilot Credit 55: Reducing Bird Mortality.



Danielle Spiegel-Feld is the Executive Director at the Guarini Center where her research focuses on urban environmental law and sustainable energy policy. She is also an adjunct professor and is currently teaching a

seminar in Urban Environmental Law & Policy with Katrina Wyman. Previously, she served as a research fellow in Climate Change and the Law at the University of Copenhagen's Faculty of Law where she studied interactions between international trade law and domestic environmental policy. While in Copenhagen, Danielle lectured in courses on international energy law, international environmental law, and the law of the World Trade Organization. Danielle has written widely on topics in environmental and energy law and policy including electricity regulation, biofuels policy, and building energy efficiency laws. Danielle received her J.D. from NYU and her B.A., summa cum laude, from the University of Pennsylvania.



Rachel Eve Stein is the Deputy Director for Sustainability and Resiliency at the Center for New York City Neighborhoods. She manages the Home Resiliency Audit Program

offered through FloodHelpNY.org, in addition to citywide energy sustainability outreach under NYSERDA's Community Energy Engagement Program. Before joining the Center, she managed sustainable energy outreach initiatives for the New York State Public Service Commission and NYSERDA, after working at the New York State Assembly and the House of Representatives. Rachel has been a community organizer for over ten years, working on political, issue, and neighborhood-based campaigns. Rachel received her B.A. from Boston University, majoring in Social Movements and the Democratic Process.



Meiping (Aggie) Sun is currently an assistant professor in economics at Fordham University. She received her Ph.D. in economics from Columbia University in the City of New York in 2017. She is an applied microeconomist

with interests in urban economics, with an emphasis on public policies that may disproportionately affect vulnerable groups. Meiping's research spans a broad range of topics, including use of reloadable prepaid cards in urban public services, deleterious effect of rural household registration status (hukou) on health among rural-to-urban migrants in China, and the impact of local liquor sales restriction on birth outcomes and multiple types of crime in Texas



Geeta Tewari is the Associate Director | Urban Law Fellow for the Urban Law Center at Fordham Law School. She graduated from Cornell University with a B.A. in Government in 2002, and from Fordham

University School of Law in 2005. At the Law School, she served as an editor for the Fordham International Law Journal and was granted the Archibald R. Murray Dean's Award of Excellence for Outstanding Public Service. Tewari is admitted to practice in New York, New Jersey, and Washington, D.C., and has practiced public interest law for the New York City Law Department and the Washington D.C. Office of the Attorney General. Tewari also holds a Master of Fine Arts in Fiction Writing from Columbia University, where she taught creative and expository writing to New York City high school students and the Columbia undergraduate and alumni community, and served on the Fiction Board of the Columbia Journal of Literature and Art. Her fiction has appeared in *Granta* and *Narrative Magazine*.



Ergem Senyuva Tohumcu is a faculty member at Fordham University's London Center, where she teaches sustainability marketing and strategy at Gabelli School of Business. She is also an environmental entrepreneur,

having founded and grew Turkey's leading sustainable living platform, which today reaches millions of people. Professor Tohumcu has designed and implemented sustainability trainings with University of Chicago, Indiana University and Koc University and provided training and consulting on circular economy and sustainable business models to several businesses, including Microsoft and Ericsson. She completed her postgraduate study on sustainable value chains at Cambridge University. Prof. Tohumcu holds a BA in International Affairs with concentration on Environmental Studies from and MS in Finance from George Washington University as well as an MS in Technology and Management from New York University.



David Udell Executive Director of the National Center for Access to Justice at Fordham Law School (ncforaj.org), guides NCAJ's work including the Justice Index Project (justiceindex.org), the Civil

Legal Aid Outcomes Project, and NCAJ's initiative to help implement Global Goal 16 in the United States. David founded and directed for a dozen years the Justice Program at the Brennan Center for Justice at NYU Law School. Earlier he served as a Senior Attorney at Legal Services for the Elderly and as a Managing Attorney at Mobilization for Justice. He is a member of the Advisory Board of Voices for Civil Justice, the Advisory Board of the Justice Center of the New York County Lawyers' Association, and the Steering Committee of the National Coalition for a Civil Right to Counsel. He has taught courses at Cardozo Law School, Fordham Law School, and NYU Law School. David is also a co-director of the A2J Initiative at Fordham Law School. He is a 1982 graduate of NYU Law School.



Rosemary Wakeman is Professor of History at Fordham University and has published widely on cities and urban history. She has carried out a number of public projects and collaborative programs including waterfront revitalization in New York and

Bilbao, and public space in the South Bronx and Seine-St. Denis, Paris. Wakeman is on the Editorial Board of Fordham University Press and the journal *Planning Perspectives*. She is a member of the Urban Studies faculty at Fordham and the university's Coordinator of Urban Initiatives. She is currently Senior Fellow at the Institute of Advanced Study, Central European University, Budapest.



Sridhar Vedachalam is Director of the Safe Drinking Water Research and Policy Program at the Northeast-Midwest Institute, a nonprofit, nonpartisan research,

education, and policy organization that focuses on issues affecting 18 states in the Northeast and Midwest regions of the U.S. His work has addressed nationally relevant issues such as affordability, aging infrastructure, extreme weather impacts, financing, and non-point source pollution, and is cited by national, state, and local policymakers. Dr. Vedachalam is the Editor for Urban Water at the Global Water Forum, an online resource presenting evidence-based, accessible, and freely available articles concerning freshwater governance. He has conducted research at the water institutes at Cornell and Johns Hopkins universities, and prior to his current role, served as an Environmental Legislative Fellow in the House of Representatives with Rep. Matt Cartwright (PA). He holds a PhD from The Ohio State University.



Gina Warren is an Associate Professor of Law at the University of Houston Law Center. She teaches first year Property Law and upper level energy law related courses. Warren is also a Visiting Associate

Professor of Law at the Texas A&M Energy Institute where she teaches international and domestic energy law in the Master of Science in Energy Program. Prior to joining academia, Warren was an associate attorney at Perkins Coie, an international law firm based in Seattle, Washington. Her work focused on energy and utility law. She received her J.D. from Rutgers Law School and her Bachelor of Science in Psychology from the University of Arizona. Warren's research explores the role of policy and regulation in the area of sustainable energy, with a focus on renewable energy, climate change, and distributed generation.



Denisha Williams As the principal of Being Here Landscape Architecture & Environmental Design, PLLC, a senior landscape architect, and an ISA certified arborist, Denisha Williams provides

ecologically-rooted design, planning, and consulting services for landscape architectural and community revitalization projects in New York City and the region. She teaches Environmental Design as an Adjunct Assistant Professor at Fordham University. Denisha works to integrate sustainable and resilient design with place making initiatives, seeking to catalyze holistic solutions that are grounded deeply in place, time, people, and purpose. Denisha has consulted for a wide range of public agencies and private-sector entities. Her work draws on years of experience including a previous career managing downtown revitalization programs, which entailed community revitalization, economic development, and historic preservation efforts. Denisha holds a B.S. in Urban Landscape Architecture from the City College of New York and an M.A. and B.A. in the History of Art from the University of Texas at Austin.



Amanda K. Winter is a postdoctoral research fellow at the University of Nottingham, working on the interdisciplinary Leverhulme project 'Sustaining Urban Habitats.' Her current work involves a comparative case study of Nottingham and

Shanghai's environmental policy-making from a multilevel urban governance perspective. She has a PhD from Central European University's Department of Environmental Sciences and Policy, where her research focused on the politics of Copenhagen and Vancouver's green city policies. Amanda has research interests in urban sustainability and governance, (urban) political ecology, and human geography.



Kellen Zale is an assistant professor at the University of Houston Law Center, where her research focuses on property, land use, and local government law. She received her A.B. from Princeton University and her J.D. from Duke University.

Prior to joining the University of Houston, she taught at Loyola University New Orleans College of Law and was an associate attorney in the Los Angeles office of Gibson, Dunn & Crutcher. Her scholarship has appeared in the Stanford Law Review, University of Colorado Law Review, and Arizona State Law Journal, among others.



Melissa Zavala is a graduate from The Graduate Center, City University of New York (CUNY). She teaches courses in anthropology at John Jay College of Criminal Justice (CUNY). Her dissertation and

research analyze the uses of restoration ecology for remediating urban brownfields and maintaining city parkland. With the Fresh Kills landfill-turned-park as a main case study, ecological maintenance techniques and waste reduction efforts are two of the central themes in her studies on NYC's responses to environmental change.



Dr. Rae Zimmerman is Research Professor and Professor Emerita of Planning and Public Administration and Director of the Institute for Civil Infrastructure

Systems at New York University's Wagner Graduate School of Public Service following her role as Professor of Planning and Public Administration. She is a AAAS elected Fellow, a Fellow and past president of the Society for Risk Analysis (SRA), and recipient in 2015 of SRA's outstanding service award. Current and recent professional appointments include membership on third New York City Panel on Climate Change, TRB's Critical Transportation Infrastructure Protection committee, and the National Academies' Pathways to Urban Sustainability committee. Her recent research focuses on impacts of extreme events on interconnected infrastructure networks and urban resilience funded by the National Science Foundation and other federal agencies. She has served as Principal Investigator on several dozen grants and authored or co-authored about 175 publications including research reports and books. Education: B.A., Chemistry, University of California (Berkeley); MCP, University of Pennsylvania; Ph.D., Planning, Columbia University. URL: <http://wagner.nyu.edu/zimmerman>

International Conference on Sustainable Cities

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