Hixon Center for Urban Ecology

Conference on Urban Resilience & Sustainability

Yale SCHOOL OF FORESTRY & ENVIRONMENTAL STUDIES

9:30AM Welcome Address

Dean Burke, Ph.D.

Dean, Yale School of Forestry & Environmental Studies

Ingrid C. "Indy" Burke is the Carl W. Knobloch, Jr. Dean at the Yale School of Forestry & Environmental Studies. She is an ecosystem ecologist whose work has focused on carbon and nitrogen cycling in semi-arid rangeland ecosystems and the effects of land management and climate variability on these systems. A respected educator and intellectual leader in the U.S. and internationally, she is particularly interested in fostering interdisciplinary scholarship. She came to F&ES in 2016 from the University of Wyoming, where she was the dean of the Haub School of Environment and Natural Resources, one of the leading institutions in the western U.S. for research, teaching, and outreach on natural resource issues. She has taught in the fields of environmental science, ecosystem ecology, and biogeochemistry.

9:45AM Keynote Address

FROM RESILIENCE TO TRANSFORMATION:
CHALLENGES IN THEORY AND PRACTICE

William Solecki, Ph.D.

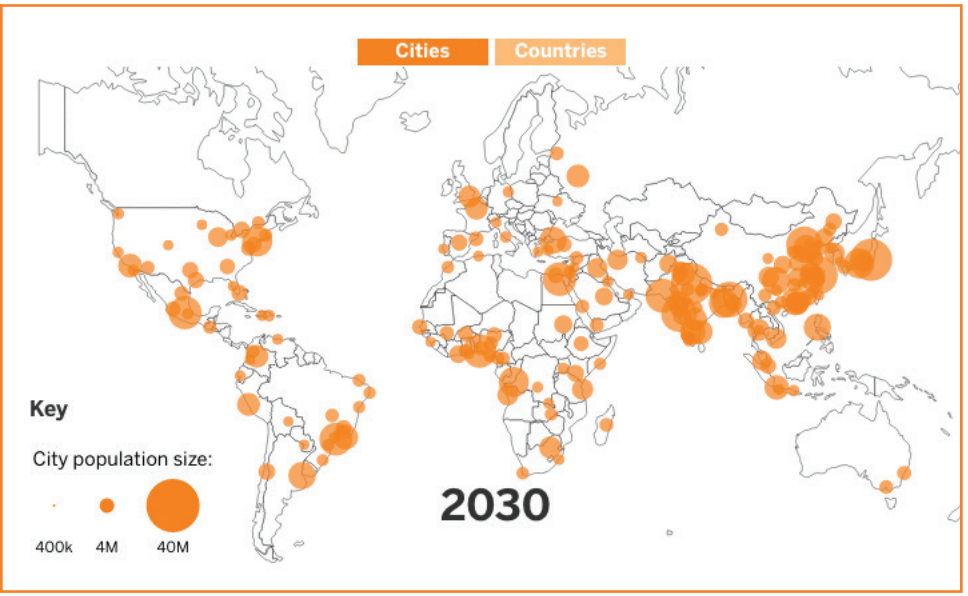
Professor and Founder Director, Emeritus, CUNY Institute for Sustainable Cities

Dr. William Solecki is on the faculty at Hunter College – City of New York in the Department of Geography and CUNY Institute for Sustainable Cities. Dr. Solecki's research focuses on urban environmental change, resilience, and transitions. He has served as leader or co-leader of several climate impacts studies in the greater New York and New Jersey region, including the New York City on Panel on Climate Change (NPCC) and the New York State ClimAID report. He currently serves as the co-PI on the Climate Change Risk in the Urban Northeast (CCRUN) NOAA-funded RISA project which is designed to promote climate risk information for decision-makers and stakeholders in the urban Northeast US. Solecki is the participant on a recently NSF funded, Urban Resilience and Extreme Events (UrEX) Sustainability Research Network. He recently was a lead author of the IPCC, Working Group II, Urban Areas chapter (chapter 8) and a coordinating lead author of the US National Climate Assessment, Urbanization, Infrastructure, and Vulnerability chapter (chapter 11). He is a co-founder of the Urban Climate Change Research Network (UCCRN) and co-editor of the recent Climate Change and Cities Assessment (ARC_3) Report.

10:15AM PANEL 1

Challenges and Opportunities for Urban Sustainability: Results from the 2016 National Academy Report

This panel will discuss the key insights from the recently published National Academy report, Pathways to Urban Sustainability: Challenges and Opportunities. The panel will discuss different sustainability paradigms that incorporate the social, economic, and environmental systems and which could be blueprints for other regions with similar barriers to and opportunities for sustainable development and redevelopment. The panel will use examples from Chattanooga and Los Angeles to discuss how sustainability practices have contributed to the development, growth and regeneration of major metropolitan regions in the United States. The panel will also discuss how national, regional, and local actors are approaching sustainability, and specifically, how diverse stakeholders (e.g. industry, city/county governments, universities, public groups) are necessary to integrate science, technology, and research into catalyzing and supporting local sustainability initiatives.



World Urbanization Projects, the 2014 revision/United Nations;
Adapted by J. You/*Science*

Jerry Miller, Ph.D.

Director, Science and Technology for Sustainability, Policy and Global Affairs Division

Jerry Miller was appointed Director of the Science and Technology for Sustainability (STS) Program at the National Academies of Sciences, Engineering, and Medicine in February 2015. A senior executive with expertise in science and resource management policy, Dr. Miller is the Academies' senior scientist driving policy and program direction on sustainability-related issues. Previously, Dr. Miller served as President of Science for Decisions, a consulting practice which he founded to ensure that solid science is available to inform policy and management decisions that impact natural resources and the livelihoods that depend upon them. From 2009 until 2013, Dr. Miller served as Assistant Director for Ocean Sciences at the White House Office of Science and Technology Policy (OSTP). During his time at OSTP, Dr. Miller was instrumental in the creation of the nation's first National Ocean Policy and the development of its foundational science priorities. He was founding co-Director of the National Ocean Council Office and later served as its Deputy Director for Science and Technology. Before taking on his role at the White House, Dr. Miller was Technical Director and Director of Research at the Consortium for Oceanographic Research and Education (now the Consortium for Ocean Leadership), where he had management and oversight responsibilities for several national and international programs. Before coming to Washington he lived in London and served as Associate Director for Ocean, Atmosphere, and Space Sciences at the Office of Naval Research's global office. Dr. Miller has published widely in the peer-reviewed literature and has made significant contributions to several major federal policy documents. His work has been recognized with awards both in the U.S. and abroad, including with a Distinguished Career Achievement Award from the University of Rhode Island. Dr. Miller received his B.S. in Marine Science from University of South Carolina, his M.S. in Oceanography from University of Rhode Island, and his Ph.D. in Meteorology and Physical Oceanography from University of Miami.

Charles Branas, Ph.D.

Professor of Epidemiology, University of Pennsylvania

Charles Branas is a Professor of Epidemiology at the University of Pennsylvania. Dr. Branas works to improve health and healthcare and is recognized for his efforts to reduce violence and enhance emergency care. Much of his work incorporates human geography and place-based change. His studies have taken him to cities and small towns across the US and other countries. Dr. Branas has served on boards and offered scientific expertise for numerous groups including the National Institutes of Health, the Centers for Disease Control, the Canadian National Research Council, the South African Medical Research Council, the Institute of Medicine, the National Research Council, and the American Public Health Association. His work has been cited by the US Supreme Court and Congress. He is a past President of the Society for Advancement of Violence and Injury Research, an elected member of the American Epidemiological Society, and affiliated faculty at the University of San Carlos in Guatemala and the University of Otago in New Zealand. Dr. Branas received his B.A. in Mathematics from Franklin and Marshall College (1990), his M.S. from Drexel University (1993), his Ph.D. from the Johns Hopkins Bloomberg School of Public Health (1997), and completed a post-doctoral fellowship at the University of California, Berkeley School of Public Health (2000).

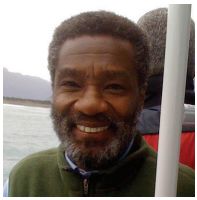
Amanda Pitre-Hayes

Vancouver Public Library

Amanda Pitre-Hayes was the Director of Sustainability for the City of Vancouver and led a team of 16 to achieve the Council directive to become the world's greenest city by 2020. She has 20 years of experience in leadership roles at Vancity, the Pembina Institute, Accenture, and The Body Shop Canada. At Vancity, Ms. Pitre-Hayes managed the organization's climate change strategy, led its successful effort to be the first carbon neutral financial institution in North America. As Director of Climate Change Consulting with the Pemba Institute, Ms. Pitre-Hayes worked with organizations, such as TD Bank, to become greener by measuring and managing carbon dioxide emissions. As a Manager at Accenture, she managed major projects for North American government, energy, telecom, and financial services organizations. At the Body Shop Canada, Ms. Pitre-Hayes served as assistant to the President, supporting the organization with a wide variety of sustainability initiatives. Ms. Pitre-Hayes is an alumnus of Harvard University's Global Change Agent program and holds an M.B.A. from the University of California, Berkeley.

Ernest Tollerson

South Street Seaport Museum, Environmental Grantmakers Assocation, Hudson River Foundation



Ernest Tollerson rejoined the Nathan Cummings Foundation (NCF) as Interim President and CEO in August 2014. From 2003-2013 he served as a NCF trustee, including one three year term as chair of the board of trustees. Prior to joining NCF as Interim President and CEO, Mr. Tollerson worked for the Metropolitan Transportation Authority (MTA) as Director of Environmental Sustainability & Compliance. During seven and a half years at the MTA, he organized and oversaw the work of the Blue Ribbon Commission on Sustainability & the MTA (its final report is available at mta.info/sustainability). In 2010, he co-chaired the Transporation & Land Use Technical Working Group of the New York State Climate Action Plan Interim Report (available at myclimatechange.us/interimreport.cfm). Currently, he is a trustee of the Hudson River Foundation and the New York Historical Society. He is also a former member of the management board of the Environmental Grantmakers Assocation, the affinity group for U.S.-based foundations that fund environmental NGOs and projects, and a former member of the board of Demos, a nonpartisan hub for research, ideas and action to promote the common good. A graduate of Princeton and Columbia's Graduate School of Journalism, Mr. Tollerson spent nearly 25 years as a journalist. He worked as a reporter and editor for a number of newspapers including the Philadelphia Inquirer, where he was a political reporter, New York Newsday, where he was the editorial page editor, and the New York Times, where he was first a national correspondent and later a member of the Times' editorial board.

Moderator

Karen Seto, Ph.D.

Associate Dean of Research; Director of Doctoral Studies; Professor of Geography and Urbanization Science,Yale School of Forestry & Environmental Studies

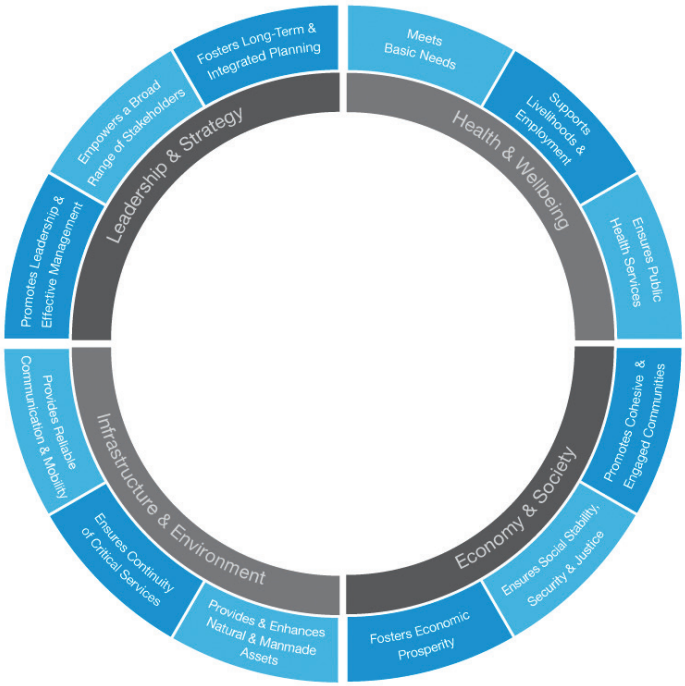
Dr. Karen Seto's research is on the human transformation of land and the links between urbanization, global change, and sustainability. A geographer by training, her research integrates remote sensing, field interviews, and modeling methods to study land change and urbanization, forecast urban growth, and examine the environmental consequences of urban expansion. She is an expert in satellite remote sensing analysis and has pioneered methods to reconstruct historical land-use and to develop empirical models to explain and forecast the expansion of urban areas. She is a specialist in contemporary urbanization in China and India, and has more than fifteen years of research experience in Asia.

Professor Seto is an established leader in the area of urbanization and global environmental change. She is Co-Chair of the Urbanization and Global Environmental Change Project (UGEC) of the International Human Dimensions Programme on Global Environmental Change (IHDP), and a Coordinating Lead Author for Working Group III of the IPCC Fifth Assessment Report. She also serves on the National Research Council Committee to the Advise the U.S. Global Change Research Program (USGCRP), the National Research Council Geographical Sciences Committee, the National Research Council Committee on Needs and Research Requirements for Land-Change Modeling, and the U.S. Carbon Cycle Science Steering Group. From 2002 to 2008, she was the Global Thematic Leader for Ecosystem Management Tools for the Commission on Ecosystem Management of the International Union for Conservation of Nature (IUCN). She is the Executive Producer of "10,000 Shovels: Rapid Urban Growth in China," a documentary film that integrates satellite imagery, historical photographs, and contemporary film footage to highlight the urban changes occurring in China. Professor Seto is a recipient of a NASA New Investigator Program Award, a NSF Career Award, and a National Geographic Research Grant. She was named an Aldo Leopold Leadership Fellow in 2009.

12:45PM PANEL II

Building Urban Resilience: Rockefeller Foundation's 100 Resilient Cities Program

In 2013, the Rockefeller Foundation (RF) pioneered the 100 Resilient Cities initiative (100RC) to help cities around the world become more resilient to the physical, social and economic challenges they are facing. It does so by supporting the adoption of a view of resilience that includes not just the shocks – earthquakes, fires, floods, etc. – but also the stresses – unemployment, violence, food/water shortages, etc. – that weaken the fabric of a city on a systemic basis. By addressing both the shocks and the stresses, a city becomes more able to respond to adverse events, as well as to deliver basic functions to all populations in good times and bad. Panelists Scott Rosenstein (Head of Platform Research for 100RC), Katerina Oskarsson (Deputy Resilience Officer for the city of Norfolk, VA) and Murali Chandrashekaran (Senior Associate Dean, Strategic Partnerships and Global Initiatives, Sauder School of Business, University of British Columbia) will discuss the approaches being taken to enhance urban resilience, as well as to capture and share the lessons being learned.



100 Resilient Cities

Murali Chandrashekaran, Ph.D.

Professor, Sauder School of Business, University of British Columbia

Murali Chandrashekaran is the Fred H. Siller Professor of Marketing and Behavioural Science, and Senior Associate Dean for Strategic Partnerships and Global Initiatives at the Sauder School of Business, University of British Columbia (UBC), Canada. He is also the Chair of the Americas region for the Partnership in International (PIM) Network (pimnetwork.org) – a consortium of 60 leading business schools globally, whose members share best practices and foster international student exchanges and joint programs. Murali is also UBC's representative to the Global Network for Advanced Management (GNAM; advancedmanagement.net), a network of 28 leading international business schools from diverse regions, countries, cultures, and economies in different phases of development, seeking to leverage interconnectedness of global institutions to develop global leaders for the coming decades.

In these roles, he is working on creating global collaborative networks with corporates, communities, cities and countries, to help position experiential-based management education within the nexus of business, government and civil society, and to help build capacity, strengthen economic development and foster the creation of shared value. He is currently leading the creation of a Global Collaborative on Urban Resilience and Effectiveness (G-CURE) that brings together schools in the GNAM, the 100 Resilient Cities network (100resilientcities.org), the Rockefeller Foundation (rockefellerfoundation.org), and practitioners from business, government, and civil society, to mobilize knowledge and talent to address resilience challenges of cities globally.

Murali is widely-published in leading academic business journals in the areas of innovation generation and diffusion, customer satisfaction, human judgment uncertainty, and the link between market-based firm assets and long-term shareholder value. His current research focuses on the development of urban resilience indices, resilience valuation, and the long-term link between investments, indices of social progress in communities, and economic growth. He conducts training programs for several multinational firms in the areas of innovation and new product development, business strategy, decision-making, and customer satisfaction.

He currently lives in Vancouver with his wife and three daughters, and has taken up competitive curling as a new hobby.

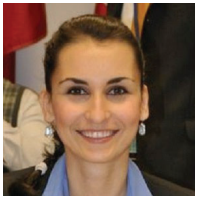
Scott Rosenstein

Rockefeller Foundation 100 Resilient Cities, Head of Platform Research

Before joining 100 Resilient Cities, Scott was the Director of the Global Health Program at the Eurasia Group, a political risk consultancy in New York. In that position he worked with government and private sector clients interested in global health policy, emergency resilience, pandemic preparedness, and health infrastructure analysis. Prior to this, Scott was a research associate in the global health program at the Council on Foreign Relations (CFR), where he focused on the intersection of emerging infectious diseases and national security. Scott is also co-founder of Restore Rockaway, a non-profit organization that provides grants to small businesses on the Rockaway Peninsula that were damaged during Hurricane Sandy. His international experience includes projects in Bosnia and Herzegovina, Nigeria, South Africa, Botswana, and El Salvador. He has published pieces on the 2009-2010 H1N1 flu pandemic, links between HIV and national security, the politics of the polio epidemic in Nigeria, and the global governance of infectious diseases. Scott is a former term member at the Council on Foreign Relations and was on the Arthur Ross Book Award Nominating Committee. Scott earned his Bachelor of Arts degree from Amherst College and holds Master of Public Health and Master of International Relations degrees, both from Yale University.

Dr. Katerina Oskarsson

Deputy Resilience Officer at the City of Norfolk' Resilience Office



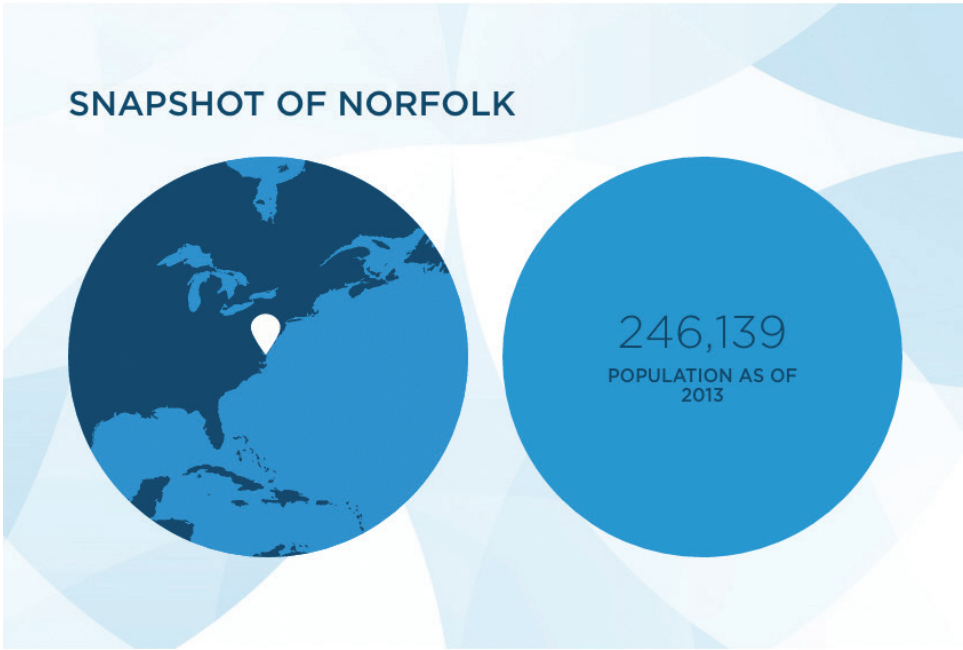
Dr. Katerina Oskarsson serves as a Deputy Resilience Officer at the City of Norfolk' Resilience Office where she works with Norfolk's Chief Resilience Officer on the development and implementation of the City's Resilience Strategy as part of the City's participation in the Rockefeller Foundation's 100 Resilient Cities program. Most recently, she worked with the Commonwealth of Virginia and other partners on the development of the winning proposal to the HUD National Disaster Resilience Competition. She is also an adjunct Faculty at Old Dominion University, teaching courses in International Political Economy and the United Nations. Previously, Dr. Oskarsson served as a Research Associate with the Institute for the Analysis of Global Security, and as a Doctoral Researcher at Old Dominion University and the Joint Forces Staff College. Prior to that, Dr. Oskarsson worked as Knowledge Manager at the NATO Civil Military Fusion Center and as a remote Analyst for NATO Comprehensive Crisis and Operations Management Center's Crisis Identification Group. In that capacity she covered non-traditional threats including climate change, urbanization, energy security and other globalization issues. She continues to work with NATO on resilience-related projects. Before relocating to the US, Dr. Oskarsson worked as an energy sector Desk Officer at CEZ Group, one of the largest energy conglomerates in Central Europe. Her work has been published by the Rockefeller Foundation's 100 Resilient Cities, NATO, Journal of Energy Security, Energy Security Forum, Middle East Policy, and The Middle East Journal. Dr. Oskarsson earned a Ph.D. in International Studies from Old Dominion University, with a focus on Interdependence and Globalization Issues as well as International Political Economy. Her co-authored manuscript dealing with the issue of global oil security in the context of changing power of the United States, China and Russia will be published by the Stanford University Press in winter 2017 (co-authored with Steve Yetiv).

Moderator

Brad Gentry

Associate Dean for Professional Practice, Yale School of Forestry & Environmental Studies

Brad Gentry explores the opportunities for using private investment to improve environmental performance. He works both across and within particular sectors/problems. The cross-sectoral work focuses on the steps policy makers can take to help develop opportunities for sustainable investments, including market frameworks, information systems, and shared investments/partnerships. The sectoral work is concentrated in three major areas: increasing private investment in the delivery of urban environmental services (particularly drinking water and sanitation), sustainable forest management, and cleaner energy. Projects in all these areas are undertaken across a range of contexts from New Haven, to developing country megacities and to wilderness forest systems. He has written extensively on the links between private investment and environmental performance, including the book Private Capital Flows and the Environment: Lessons from Latin America.



2:30PM PANEL III

Bridging Science and Management to Achieve Sustainability

This panel will bring together academics and practitioners focused on pioneering engineering and water resource research with city and university managers using innovative approaches for urban and campus planning. New Haven lies along the Atlantic coast and experiences both cyclonic disturbances and coastal storms and consequently faces both acute coastal and inland flooding events. In 2015, the city of New Haven introduced Vision 2025, a plan for a sustainable, healthy, and vibrant city, and in October 2016, the Yale Sustainability Plan 2025 was launched. These planning efforts have created momentum to launch joint initiatives toward a more sustainable future. Panelists Julie Paquette, Gaboury Benoit and Giovanni Zinn will also explore the major barriers and merits of crossing the town-gown divide to manage resources more holistically.

Julie Paquette

Director of Energy Management, Yale Office of Facilities

Julie leads a broad portfolio of initiatives in support of the University's energy and sustainability goals. Paquette has extensive technical experience with high performance building and campus energy systems, and is personally and professionally committed to sustainability innovation, education, and advocacy. Paquette joined the University in 2012. Prior to Yale, she led Go-Green Services at Sightlines in developing energy performance metrics, strategy, tactics, and relationships across 60 member universities. Paquette also launched and led the Green Integration Group at Vanderweil Engineers in providing energy services and contributing to the design and construction of over forty LEED certified buildings representing nearly twenty-five million square feet of space, including over seven million square feet at the Platinum level. Paquette is a registered Professional Engineer with engineering degrees from Brown University and MIT.

Gaboury Benoit, Ph.D.

Grinstein Class of 1954 Professor of Environmental Chemistry, Professor of Environmental Engineering, Yale School of Forestry & Environmental Studies

Gaboury Benoit is the Grinstein Professor of Environmental Chemistry at Yale's School of Forestry and Environmental Studies, where he has served as the Associate Dean for Research and Director of Doctoral Studies. He has a joint appointment in Yale's Environmental Engineering program. He is faculty director of Yale's Hixon Center for Urban Ecology.

Gabe is a nationally recognized expert on environmental chemistry and the impacts of land development on water. Recent research includes urban environmental issues and watershed based studies of nonpoint source pollution. Among his many publications, he co-authored the book New Strategies for America's Watersheds: Integrating Ecological, Economic, and Social Factors that was published by National Academy Press in 1998. Another important recent publication is the book Land and Natural Development (L.A.N.D.) Code, co-authored with Diana Balmori of Yale's Architecture School, and which is a set of guidelines for sustainable land development.

Giovanni Zinn

Director of Engineering, City of New Haven

Giovanni Zinn, P.E. is the City Engineer for the City of New Haven as of 2014. As City Engineer, he has worked on many projects focused on sustainable and livable infrastructure, including complete streets, encouraging alternative transportation options, adopting green infrastructure, designing resilient living shoreline installations, and reducing the City's carbon footprint through aggressive energy reduction. Prior to leading the Engineering Department, Giovanni also served as a project manager for the City of New Haven's Engineering Department and Office of Sustainability and managed environmental programs for the City Plan Department. Giovanni graduated from Yale College in 2005, and lives in New Haven with his wife Megan and their three little boys (who keep them very busy!).

Moderator

Virginia Chapman

Director of the Office of Sustainability, Yale University

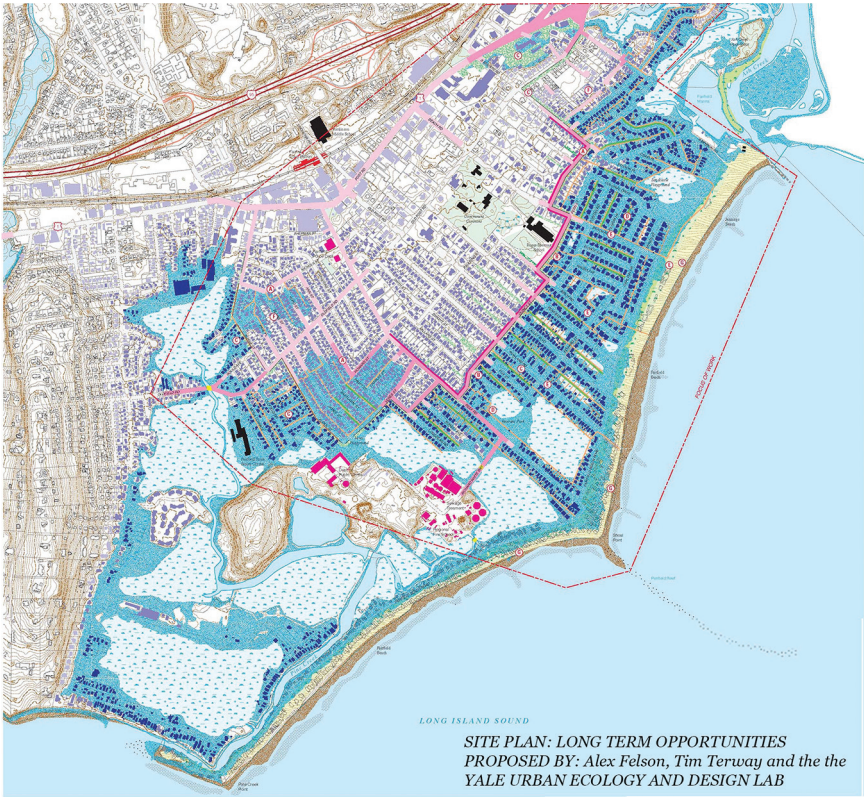
Virginia Chapman is the Director of the Office of Sustainability, providing leadership and management to ensure the integration of sustainable principles and practices across the university. Prior to her current role, she served as the Director of Facilities Sustainable Initiatives, supporting units within Facilities to achieve goals set out in the first Yale Sustainability Strategic Plan (2010-2013). Chapman has been a key participant in many of Yale's sustainability initiatives over the years. As Director of Facilities Planning & Construction at Yale School of Medicine, her work to "green" laboratory renovations positioned her to lead the committee that created Yale's "Sustainable Design Requirements," which were adopted in 2009 and continue to guide Yale's sustainable design and construction practices. She was a member of Yale's Advisory Committee for Environmental Management, the committee that spurred Yale's university-wide focus on sustainability and led to the creation of the Office of Sustainability in 2005. Ginger is a registered architect with a Masters of Architecture degree from Yale University School of Architecture.

Harvesting rainwater from roof of Kroon Hall.

3:15PM PANEL IV

Adapting the Connecticut Coast

In the wake of Hurricane Sandy in 2102 and more recent projections of sea level rise, the State of Connecticut and its coastal communities have been compelled to reassess patterns of development, placement of infrastructure, storm and flood protection, storm water management, and indeed all the many factors associated with the broad concept of resilience. In particular, the disciplines of planning, architecture and landscape design have had the challenge – but also the opportunity – to reconsider established paradigms and practices. This panel will present perspectives from professionals in all of these fields, who are also currently collaborating on important initiatives and studies throughout the state, with a particular focus on Connecticut's largest city, Bridgeport. We will consider the role of research, policy, politics, funding, design, technology, and community participation in approaching these projects.



Alexander J. Felson, Ph.D., RLA

David Waggonner

President of Waggonner and Ball

David Waggonner is president of Waggonner and Ball, an award-winning, internationally active architecture and planning practice located in New Orleans. The firm's architectural work varies from historic preservation to modern institutional projects. In the aftermath of Hurricane Katrina, David saw an opportunity for New Orleans to reinvent itself as a sustainable city that embraces its lifeblood, water. He championed a process that examines history, soils, biodiversity, infrastructure networks, and urban space, along with the forces of water. This combination serves as a holistic foundation for design, first developed during the Dutch Dialogues and continuing through the Greater New Orleans Urban Water Plan.

David Kooris

Director of Rebuild by Design and National Disaster Resilience, State of Connecticut

David Kooris is Director of Rebuild by Design and National Disaster Resilience for the State of Connecticut. These Federal grants, totaling $65 million, will enable resilience planning for Fairfield and New Haven Counties and the construction of several pilot projects for green infrastructure, raised mobility corridors, distributed energy generation, and 21st Century flood protection in Bridgeport.

Prior to this position, Mr. Kooris was Director of the Office of Planning and Economic Development for Connecticut's most populous city, Bridgeport. This role enabled him to chart a long-range strategy for the city's revitalization grounded in its diverse neighborhoods, spur economic development in its downtown and commercial centers, and reposition thousands of acres of brownfields for sustainable redevelopment. Before assuming that appointment, Mr. Kooris held various positions at Regional Plan Association, the nation's oldest regional planning organization, culminating in his role as Vice President.

Mr. Kooris has worked on high-speed rail-oriented development, sustainability planning, and urban revitalization projects abroad in Canada, Turkey, Morocco, Spain, Mexico, Peru, Taiwan, and South Korea. Since the fall semester of 2012, Mr. Kooris has been a lecturer at Yale University's School of Forestry & Environmental Studies in city and regional planning practice.

Alex Felson, Ph.D., RLA

Associate Professor, Yale School of Architecture
Assistant Professor, Yale School of Forestry & Environmental Studies

Dr. Felson is an Associate Professor, an urban ecologist and a registered landscape architect at Yale University. He directs the joint degree program between the School of Architecture and the School of Forestry and Environmental Studies and is the founder of Urban Ecology and Design Lab (UEDLAB). His work focuses on ecological urban designs that incorporate aspects of green infrastructure (especially water management), coastal adaptation and constructed plant communities. He was part of Yale's core team on a federal HUD Hurricane Sandy initiative, Rebuild by Design and is currently serving as an advisor to the State of Connecticut through an Executive Order from the Governor on the "State Agencies for Resilience" (SAFR). He served as the lead designer for the State of Connecticut's HUD National Resilience Disaster Competition with a proposal that awarded the state $54 million. Pioneering coastal green infrastructure, Felson built bioretention gardens in Bridgeport, CT and developed the first Coastal Resilience Plan in Connecticut for the town of Guilford. Through the UEDLAB Felson also worked with the Nature Conservancy on the Regional Framework for Coastal Resilience in Southern Connecticut, a USDA funded project. Working with town representatives, the team developed near, mid and long term proposals.

Moderator

Alan Plattus, Ph.D.

Professor of Architecture and Urbanism, Yale University School of Architecture

Alan J. Plattus is Professor of Architecture and Urbanism at the Yale University School of Architecture, where he teaches courses on architectural history and theory, urban history and design, and directs the School's China Studio. He founded and directs the Yale Urban Design Workshop, a community design center that has undertaken urban design and building projects throughout Connecticut, including the efforts currently underway, through the H.U.D. Rebuild by Design program, to help Bridgeport and the Connecticut coast adapt to the challenges of climate change and sea level rise. He has led international teams in the design of large-scale environmental and public space projects from Flushing Meadows Corona Park in New York City to a Peace Park on the border of Israel and Jordan.

4PM HABITAT III

Student Reflections

In mid-October several students from Yale F&ES participated in the United Nations (UN) conference, Habitat III, a global summit aimed at outlining best practices for urban sustainability, resilience, and development. This trip was the culmination of almost a year of preparation during which students closely followed the lead up to the conference and its goal of drafting a "New Urban Agenda." Students will share their on-the-ground experience in Ecuador, as well as reflections on the New Urban Agenda and the Habitat III process.

Schedule of Events

9:00am **Registration and Breakfast**

9:30am **Welcome Address**
Dean Burke, Ph.D., *Dean, Yale School of Foresty & Environmental Studies*

9:45am **Keynote Address: From Resilience to Transformation: Challenges in Theory and Practice**
William Solecki, Ph.D., *Hunter College*

10:15am **Panel I: Challenges and Opportunities for Urban Sustainability: Results from the 2016 National Academy Report**
Karen Seto, Ph.D., *Yale School of Forestry & Environmental Studies*
Jerry Miller, Ph.D., *National Academies of Sciences, Engineering, and Medicine*
Charles Branas, Ph.D., *University of Pennsylvania*
Ernest Tollerson, *South Street Seaport Museum, Environmental Grantmakers Assocation, Hudson River Foundation*
Amanda Pitre-Hayes, *City of Vancouver*

11:45am **Lunch**

12:45pm **Panel II: Building Urban Resilience: Rockefeller Foundation's 100 Resilient Cities Program**
Brad Gentry, *Yale School of Forestry & Environmental Studies*
Murali Chandrashekaran, Ph.D., *Sauder School of Business, University of British Columbia*
Scott Rosenstein, *Rockefeller Foundation*
Katerina Oskarsson, Ph.D., *City of Norfolk*

2:15pm **Coffee Break**

2:30pm **Panel III: Bridging Science and Management to Achieve Sustainability**
Virginia Chapman, *Yale University*
Julie Paquette, *Yale University*
Gaboury Benoit, Ph.D., *Yale School of Forestry & Environmental Studies*
Giovanni Zinn, *City of New Haven*

3:15pm **Panel IV: Adapting the Connecticut Coast**
Alan Plattus, Ph.D., *Yale University School of Architecture*
David Waggonner, *Waggonner & Ball*
David Kooris, *State of Connecticut*
Alex Felson, Ph.D., *Yale University School of Architecture*
Assistant Professor, Yale School of Forestry & Environmental Studies

4:00pm **Habitat III**
Student Reflections

4:20pm **Closing Remarks**
William Solecki, Ph.D., *Hunter College*

4:30pm – 5pm **Reception**

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