

*Environmental Business Council
and
Sustainable Solutions Lab at UMass Boston*
Climate Adaptation Forum

Changing Climate, Changing Health

Strategies for Addressing Public Health in the Age of Climate Change

Friday, September 20, 2019

University of Massachusetts Club | Boston



Save the Date! **November 22, 2019**
Climate Adaptation Forum
Building Climate Resilience into Infrastructure

AGENDA

8:00 a.m. Welcome: Daniel Moon, President & Executive Director, EBC

8:05 a.m. Forum Overview and What You Will Learn

- Gabriela Boscio Santos, Forum Co-Chair
Sustainability Engagement Manager, Boston University

8:15 a.m. Keynote Presentation: Climate Change, Health and the Global Environment



Gina McCarthy

Former U.S. EPA Administrator

Director, Center for Climate, Health, and the Global Environment (C-CHANGE) at the Harvard T.H. Chan School of Public Health

8:35 a.m. Moderated Discussion with Keynote

- Rebecca Herst, Forum Organizer
Director, Sustainable Solutions Lab, University of Massachusetts Boston

9:00 a.m. Introduction of Speakers

- Deanna Moran, Forum Co-Chair & Moderator
Director, Environmental Planning, Conservation Law Foundation

9:10 a.m. The Boston Climate Strike

- Bolaji Olagbegi, Student, Boston University
Member, Clean Water Action's Youth Action Collaborative

9:15 a.m. Emergency Preparedness & Resilience for Climate Health

- Nancy Smith, Program Manager for Community Engagement
Office of Public Health Preparedness
Boston Public Health Commission

9:35 a.m. Healthy, Low-Carbon Multifamily Buildings for Climate Adaptation: Why, How, and When

- Thomas Chase, Senior Project Manager, New Ecology, Inc.

9:55 a.m. Networking Break

10:25 a.m. Introduction to "Asthma Alley"

- Deanna Moran, Forum Co-Chair, Conservation Law Foundation

10:35 a.m. Killer Heat and Its Effect on Public Health

- Dr. Adrienne L. Hollis, Lead Climate Justice Analyst, Union of Concerned Scientists

10:55 a.m. Twelve Years Later: The Long-Term Mental Health Consequences of Hurricane Katrina

- Dr. Jean Rhodes, Frank L. Boyden Professor of Psychology
University of Massachusetts Boston

11:15 a.m. Panel Discussion

Panel Moderator: Alex Papali, Forum Co-Chair; Clean Water Action

Panel Members:

- Thomas Chase, New Ecology, Inc.
- Dr. Adrienne L. Hollis, Union of Concerned Scientists
- Dr. Jean Rhodes, University of Massachusetts Boston
- Nancy Smith, Boston Public Health Commission

11:40 a.m. Closing Remarks: Ralph Child, Forum Organizer, Partner, Mintz

11:45 a.m. Adjourn

FORUM CO-CHAIRS

Gabriela Boscio Santos, Sustainability Engagement Manager

Boston University

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Gabriela is a sustainability and resilience professional with 10 years of experience in the climate change and nonprofit sectors. Born and raised in Puerto Rico, she is bilingual in English and Spanish and fiercely proud of her roots. She is currently the Engagement Manager for University Sustainability at Boston University, which is focused on implementing BU's bold Climate Action Plan.

Prior to that, she served as the Climate Program Manager at NOAH (the Neighborhood of Affordable Housing) in East Boston, where she led processes for inclusive community-based climate resilience planning. From 2013-2017 she was part of Second Nature, a nonprofit that catalyzed and supported climate action in higher education. During her time there she fulfilled many roles, including program and communications management.

She obtained her M.Sc. in Strategic Leadership toward Sustainability at the Blekinge Institute of Technology (BTH) in Sweden and her B.Sc. in Environmental Studies at Northland College in Wisconsin. She is driven by her desire for a just transition to a sustainable society. Her interests include climate action, resilience, sustainability, as well as social, environmental, and food justice.

Deanna Moran, Director, Environmental Planning

Conservation Law Foundation

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Deanna Moran is the Director of Environmental Planning at the Conservation Law Foundation where she focuses on climate change in the built environment through planning, development, and regulation. Deanna oversees climate adaptation activities for Southern New England and manages CLF's Boston Harbor Public Access Initiative. She is the co-author of a CLF report on Climate Adaptation and Liability. Prior to joining CLF, Deanna spent three years at New Jersey Community Capital, a community development financial institution, where she worked with local governments and other stakeholders to devise and implement neighborhood revitalization strategies including the reclamation of vacant and abandoned properties. She has consulted on a number of planning and policy-based projects for organizations including the Southern Coalition for Social Justice and the New Jersey Climate Adaptation Alliance. Deanna is active in a number of professional organizations including the American Planning Association and the American Society of Adaptation Professionals. She received a Masters of City and Regional Planning and a Masters of Public Policy from Rutgers University and a B.A. in Environmental Design from the University at Buffalo.

Alex Papali, Green Justice Organizer
Energy and Zero Waste Campaigns
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Alex has lived in the Boston area 30 years, organizing locally since high school. His areas of focus have ranged from prison issues to immigrant rights to tenant organizing—with the common goal of addressing structural causes of injustice and obstacles to sustainability.

At Clean Water, Alex works towards 'energy democracy' with the Green Justice Campaign: fair access to the benefits of energy efficiency, clean local energy through "community microgrids," and a robust green economy for all through the collective efforts of more than 40 community, labor and environmental groups statewide. He is assisting the development of a grassroots energy group in the Worcester area, with a focus on building clean distributed energy resources that serve linguistically diverse low-income communities.

He also helps coordinate the Zero Waste Coalition, aiming to grow a world-class Zero Waste system in Boston that captures untapped economic potential and eliminates toxics and climate pollution by reimagining how we produce, consume and dispose of everything we use.

A perpetual student at the University of Life, he is actively plotting his next adventure off the grid.

KEYNOTE SPEAKER

Gina McCarthy, Former U.S. EPA Administrator
Director, Center for Climate, Health, and the Global Environment (C-CHANGE)
Harvard T.H. Chan School of Public Health
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Gina McCarthy is Professor of the Practice of Public Health in the Department of Environmental Health at Harvard T.H. Chan School of Public Health and the Director of the Center for Climate, Health and the Global Environment. In this capacity, she leads the development of the School's strategy in climate science, health, and sustainability; strengthens the climate science and health curriculum; and liaises with climate science leaders across the University.

McCarthy has been a leading advocate for common sense strategies to protect public health and the environment for more than 30 years. She served under President Barack Obama as the 13th Administrator of the EPA from 2013–2017. Her tenure as EPA Administrator heralded a paradigm shift in national environmental policy, expressly linking it with global public health. She led EPA initiatives that cut air pollution, protected water resources, reduced greenhouse gases, and strengthened chemical safety to better protect more Americans, especially the most vulnerable, from negative health impacts. McCarthy signed the Clean Power Plan, which set the first-ever national standards for reducing carbon emissions from existing power plants, underscoring the country's commitment to domestic climate action and spurring international efforts that helped secure the Paris Climate Agreement. McCarthy also worked with the United Nations and the World Health Organization on a variety of efforts and represented the U.S. on global initiatives to reduce high-risk sources of pollution.

SPEAKERS

Thomas Chase, Senior Project Manager
New Ecology, Inc.
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Tom Chase is a Senior Project Manager at New Ecology, Inc., where he joined in 2014. At NEI he provides sustainable design guidance for new construction and existing building projects including LEED, Enterprise Green Communities, ENERGY STAR, and Passive House certification and oversees internal project teams. He is also the climate change adaptation lead, with extensive experience in resilience planning and design for multifamily housing and critical facilities. Mr. Chase developed NEI's climate change resiliency assessment protocol and tool to drive improvements in building performance and occupant health during and after extreme and chronic climate change impacts and he continues to build on that work from the individual project up to the portfolio, state, and national levels.

Tom also provides clients with solar photovoltaic, solar thermal, battery storage, and virtual net metering, power purchase agreement, and electric vehicle charging station technical and financial analysis.

Prior to joining NEI, he most recently served at the U.S. Department of Housing and Urban Development on the Secretary's Energy Policy staff in tracking multifamily building energy use nationwide, updating energy code adoption for the agency's assisted housing portfolio, and contributing to multiple HUD climate change preparedness initiatives.

Mr. Chase has a background in ecology and urban environmental management and holds Bachelor's and Master's degrees in Biology from Wesleyan University and a Master's of Environmental Management from the Yale School of Forestry and Environmental Studies. He is a Certified Passive House Consultant, and a Massachusetts State Certified Municipal Vulnerability Preparedness Provider.

Dr. Adrienne L. Hollis, Lead Climate Justice Analyst

Union of Concerned Scientists

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Adrienne L. Hollis is the lead climate justice analyst for the Climate & Energy Program at the Union of Concerned Scientists. In that role, she leads the development, design, and implementation of methods for accessing and documenting the health impacts of climate change on communities of color and other traditionally disenfranchised groups. Dr. Hollis works with environmental justice communities to identify priority health concerns related to climate change and other environmental assaults and evaluates climate and energy policy approaches for their ability to effectively address climate change and benefit underserved communities. She develops and implements projects to document health impacts of climate change on communities of color and ensures scientific information from UCS is communicated in a culturally competent and helpful manner to vulnerable populations. Within the Climate & Energy program, she is developing and scoping a new research agenda and strategy on climate and health; evaluating climate and energy policies aimed at reducing exposure to negative health and environmental impacts; and recommending policy approaches to foster inclusiveness and greater benefits to underserved communities, and effectively address climate change.

Prior to joining UCS, Dr. Hollis served as the director of federal policy at WE ACT for Environmental Justice and taught at the George Washington University Milken School of Public Health and the American University Washington College of Law. She has more than 20 years of extensive experience in the environmental arena, particularly focused on environmental justice, equity and inclusion, and the adverse health effects of environmental exposures and climate change on vulnerable communities, as an associate professor in public health, and as an environmental toxicologist and an environmental attorney.

She is a member of numerous organizations and boards, including the EPA's Clean Air Act Advisory Committee, the National Adaptation Forum's Steering Committee (co-chair) and its Equity Working Group, the American Public Health Association's Environment Section and Environmental Justice Subcommittee, the Endangered Species Coalition (vice chair and co-general counsel) and the Green Leadership Trust. She earned a BS in biology from Jackson State University, a PhD in biomedical sciences from Meharry Medical College, a JD from Rutgers University School of Law, and completed postdoctoral studies at Harvard University School of Public Health.

Dr. Jean Rhodes, Frank L. Boyden Professor of Psychology
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Jean Rhodes is the Frank L. Boyden Professor of Psychology at the University of Massachusetts, Boston. Rhodes has devoted her career to understanding and advancing the role of intergenerational relationships in the social, educational, and career development of disadvantaged youth. She is a co-Investigator on the Resilience in Survivors of Katrina ("RISK") Project, a longitudinal study of low-income parents who lived in New Orleans at the time of Hurricane Katrina. In addition to two waves of pre-Katrina data, she and her team have conducted three follow-up surveys and three rounds of in-depth qualitative interviews. Rhodes is a Fellow in the American Psychological Association and the Society for Research and Community Action, and was a Distinguished Fellow of the William T. Grant Foundation.

Nancy Smith, Program Manager for Community Engagement
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Boston Public Health Commission
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Nancy B. Smith, Program Manager for Community Resilience and Engagement at Office of Public Health Preparedness (OPHP), Boston Public Health Commission (BPHC) located in Boston, Massachusetts. Ms. Smith is responsible for developing community relationships in support of emergency preparedness and community resilience in close coordination with other Public Health Departments and Boston Emergency Management Services (BEMS). Nancy earned a Bachelor of Science in Finance from Northeastern University and has a Certificate in Maternal Child Health from the Boston University School of Public Health. Nancy completed Harvard T.H. Chan School of Public Health "Community Health Leaders" Program. Nancy joined Boston Public Health Commission and has held many positions in the Substance Abuse Bureau, Homeless Commission, and the Child Adolescence and Family Health Bureau. Co-Developed "Healthy Relationships" curriculum" under the 3-city Community Healthy Marriage Initiative (CHMI) site report that includes Boston on the ACF website.

Nancy is currently working on several special programming exploring (rising tides and heat island) Climate Change Adaption for the City of Boston. Ms. Smith is lifetime member of Black Emergency Managers Association International, and member of Team Rubicon. Ms. Smith is very proud to be from Southwest Atlanta, and is a huge "Atlanta Falcon dirty bird fan in the land of New England Patriot"!!

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EBC & Sustainable Solutions Lab at UMass Boston – Quarterly Climate Adaptation Forum
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