

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

Underwater Underwriting
Flood Insurance in the Age of Climate Change

Friday, February 28, 2020

University of Massachusetts Club | Boston, Massachusetts



Save the Date! **June 5, 2020**
Climate Adaptation Forum
Transforming Transportation:
Movement and Mobility in the Age of Climate Crisis

EBC & Sustainable Solutions Lab at UMass Boston – Quarterly Climate Adaptation Forum
EBC Contact: Ann Gisinger, agisinger@ebcne.org | SSL Contact: Rebecca Herst, rebecca.herst@umb.edu
www.climateadaptationforum.org

AGENDA

- 8:00 a.m. Welcome:** Kelly Knee, Forum Organizer
Executive Director of Ocean Services, RPS Group
- 8:10 a.m. Forum Introduction & Overview – What You Will Learn**
- Samuel Bell, CFM, Forum Co-Chair; Steering Committee Member
Senior Resiliency Planner, GZA GeoEnvironmental, Inc.
- 8:20 a.m. Video Screening: Home or High Water - Coastal Life in the Age of Sea Level Rise**
- 8:30 a.m. National Flood Insurance Program: Lynchpin or Liability to Climate Resilience?**
- Robert Moore, Director, Water & Climate Team
Natural Resources Defense Council
- 8:55 a.m. Reducing Losses from Flood Risks: The Role of a Behavioral Risk Audit**
- Howard Kunreuther, Risk Management and Decision Processes Center
Wharton School, University of Pennsylvania
- 9:20 a.m. Frontline Families & Communities Facing Flood Insurance**
- Amanda Devecka-Rinear, Executive Director, New Jersey Organizing Project
New Jersey Resource Project
- 9:45 a.m. Networking Break**
- 10:15 a.m. Building Resilient Futures**
- Marion Mollegen McFadden, Senior Vice President, Public Policy
Senior Advisor, Resilience, Enterprise Community Partners
- 10:40 a.m. Panel Discussion/Q&A Session**
- Panel Moderator:**
- Deanna Moran, AICP, Forum Co-Chair; Steering Committee Member
Director, Environmental Planning, Conservation Law Foundation
- Panelists:**
- Amanda Devecka-Rinear, NJ Organizing Project | NJ Resource Project
 - Howard Kunreuther, Wharton School, University of Pennsylvania
 - Marion Mollegen McFadden, Enterprise Community Partners
 - Robert Moore, Natural Resources Defense Council
- 11:35 a.m. Closing Remarks:** David Cash, Ph.D., Forum Organizer
Dean, John W. McCormack Graduate School of Policy and Global
Studies, University of Massachusetts Boston
- 11:45 a.m. Adjourn**

FORUM CO-CHAIRS

Samuel Bell, CFM, Senior Resiliency Planner
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Sam Bell is a Senior Resiliency Planner who has spent the last 12 years working with local communities and states around the country to prevent natural and climate-related hazards from becoming disasters. He serves as the Planning Leader for GZA's Natural Hazard Risk Management practice group. In this role, Sam leads teams in assisting GZA clients with natural hazard and climate adaptation planning, risk assessments, risk communication, community education and outreach, and in preparing actionable hazard mitigation and climate adaptation measures designed to make communities more resilient. Most recently Sam led teams that successfully developed Natural Hazard Mitigation and Community Resilience Plans for Somerset and Milford in Massachusetts, and Stratford, Old Saybrook and Westport in Connecticut. He also assists several public and private entities in New England in: 1) conducting flood vulnerability assessments; 2) preparing flood mitigation/climate adaptation solutions; and 3) preparing flood emergency response plans based on FM Global requirements.

Prior to joining GZA, Mr. Bell served as a Hazard Mitigation Grant and Planning Team Lead from 2007 to 2011 for the Federal Emergency Management Agency (FEMA). At FEMA, Sam provided disaster recovery support and natural hazard mitigation assistance to states throughout the Northeast and Midwest. He worked with State Emergency Management Agencies and Departments of Environmental Protection to identify strategies and natural hazard mitigation solutions to protect residences and critical facilities from incurring damages from future natural hazard events. From 2011 to early 2014, Mr. Bell assisted FEMA in revising risk evaluation and program effectiveness tools used to evaluate the effectiveness and eligibility of hazard mitigation assistance (HMA) projects including critical facilities and infrastructure. These tools included the FEMA Benefit-Cost Analysis (BCA) Tool Version 5.0 and a pioneering streamlined riverine flood loss avoidance study methodology used to evaluate the effectiveness of flood mitigation after completion. Sam also served as one of four Senior HMA Trainers providing grants management and BCA trainings throughout the United States.

Sam earned a Master of Arts in Urban and Environmental Policy and Planning from Tufts University and a Bachelor Environmental Design in Planning from the University of Colorado-Boulder.

Deanna Moran, AICP, Director, Environmental Planning
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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 Climate Preparedness and 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 holds a Master's degree in City and Regional Planning and a Master's degree in Public Policy from Rutgers University and a B.A. in Environmental Design from the University at Buffalo.

SPEAKERS

Amanda Devecka-Rinear, Executive Director
New Jersey Organizing Project II New Jersey Resource Project
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Amanda Devecka-Rinear is the founding Director of the New Jersey Resource Project and the New Jersey Organizing Project. Founded by Superstorm Sandy survivors in 2014, they have won millions of dollars in rental assistance, foreclosure prevention and additional funds for Sandy families. She is a co-author of "The Long Road Home," which examines the federal and state disaster recovery process five years post Sandy and in particular looks at economic and health impacts. Previously she was the National Campaign Director for People's Action where she ran campaigns on Wall Street accountability, tax fairness, and predatory lending. She has been a community organizer for more than 20 years and serves on the board of the American Policy Holder Association.

Howard Kunreuther, James G. Dinan Professor Emeritus of Decision Sciences & Public Policy
Operations, Information and Decisions (OID) Department
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Howard Kunreuther is James G. Dinan Professor Emeritus of Decision Sciences and Public Policy, and Co-Director of the Center for Risk Management and Decision Processes at the Wharton School, University of Pennsylvania.

Howard has a long-standing interest in ways that society can better manage low-probability, high-consequence events related to technological and natural hazards. He is a fellow of the American Association for the Advancement of Science (AAAS), a distinguished fellow of the Society for Risk Analysis, and recipient of the Shin Research Excellence Award from the Geneva Association and International Insurance Society (IIS) in recognition of his outstanding work on the role of public-private partnerships in mitigating and managing risks. He recently served on the Technical Mapping Advisory Council under the direction of the Federal Emergency Management Agency (FEMA), and served as a Coordinating Lead Author for the Intergovernmental Panel on Climate Change (IPCC)'s 5th Assessment Report, Working Group III, Chapter 2, "Integrated Risk and Uncertainty Assessment of Climate Change Response Policies."

Howard's recent books include "The Future of Risk Management" (with R. Meyer and E. Michel-Kerjan, University of Pennsylvania Press, 2019), "Mastering Catastrophic Risk: How Companies are Coping with Disruption" (with M. Useem, Oxford University Press, 2018) and "The Ostrich Paradox: Why We Underprepare for Disasters" (with R. Meyer, Wharton School Press, 2017).

Marion Mollegen McFadden, Senior Vice President, Public Policy
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Marion Mollegen McFadden serves as senior vice president for public policy and senior advisor for resilience at Enterprise Community Partners. Marion leads the Enterprise Public Policy team by working with Congress, the Administration, state and local governments, candidates for public office, community development organizations and other partners and stakeholders to safeguard, expand and improve affordable housing and community development programs for the benefit of people of modest means. She also advises Enterprise's Disaster recovery and resilience work nationwide, working with states, local governments and communities impacted by flood, fires and other disasters. Previously, she served as deputy assistant secretary for Grant Programs at the U.S. Department of Housing and Urban Housing (HUD). At HUD, she oversaw affordable housing and community development programs, including the Community Development Block Grant Program (CDBG), the HOME Investment Partnerships program, the Housing Trust Fund, the Neighborhood Stabilization Program (NSP) and CDBG Disaster Recovery funds, including the recent National Disaster Resilience Competition grants.

Robert Moore, Director, Water & Climate Team
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Rob Moore is the Director of the Water & Climate Team at the Natural Resources Defense Council (NRDC). His work revolves around government policy and decision-making related to climate resilience and adaptation, sea level rise, flood risk, and disaster preparedness and response. His team has been deeply involved in discussions of how to make climate smart reforms to the National Flood Insurance Program, adopting flood protection standards for federally financed infrastructure, and how to provide more timely and equitable assistance to owners of floodprone properties who want to move to higher ground.