

# CLIMATE ADAPTATION FORUM

*Environmental Business Council of New England, Inc.  
Sustainable Solutions Lab at the University of Massachusetts Boston*

## **Risks and Opportunity Markets: Climate Change and the Housing Crisis**

Friday, September 30, 2022

*Hosted on Zoom*



**Save the Date! December 9, 2022**  
**Climate Adaptation Forum: Nature Based Solutions**

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

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[www.climateadaptationforum.org](http://www.climateadaptationforum.org)

## **AGENDA**

### **9:00 a.m. Welcome**

- Kelly Knee, Forum Organizer  
Executive Director Ocean Science, RPS North America

### **Introduction**

- Deanna Moran, Forum Co-Chair  
Vice President for Healthy & Resilient Communities  
Conservation Law Foundation

### **9:10 a.m. Keynote Presentation: Climate Change and ESG at the Federal Housing Finance Agency**

- Daniel E. Coates, Deputy Director, Division of Research and Statistics  
Federal Housing Finance Agency

### **Keynote Q&A Moderator**

- Deanna Moran, Conservation Law Foundation

### **9:45 a.m. Climate Change and Mortgage Finance: A Role for the GSEs**

- Lee Reiners, Policy Director, Duke Financial Economics Center

### **Q&A Moderator**

- Deanna Moran, Conservation Law Foundation

### **10:10 a.m. Networking Break**

### **10:30 a.m. Laudato Si: Building a Sustainable Home**

- David Downs, Vice President of Catholic Charities POP (Progress of Peoples)  
Development Corporation, Catholic Charities of Brooklyn & Queens

### **10:45 a.m. Financing Climate Risk Mitigation and Adaptation**

- Laurie Schoeman, Director, Climate & Sustainability  
Capital Enterprise Community Partners

### **11:00 a.m. HRI Climate Resiliency Initiatives**

- Jane Carbone, LEED AP, Director of Development, Homeowner's Rehab Inc.

### **11:15 a.m. Panel Discussion/Q&A Session**

- Gabriela Boscio Santos, Forum Organizer  
Associate Director, Sustainable Solutions Lab  
University of Massachusetts Boston

### **Panelists:**

- Jane Carbone, Homeowner's Rehab Inc.
- David Downs, Catholic Charities of Brooklyn & Queens
- Laurie Schoeman, Enterprise Community Partners

**11:55 a.m. Closing Remarks**

- Kelly Knee, RPS North America

**12:00 p.m. Adjourn**

**FORUM CO-CHAIRS**

**Jason Hellendrung**, Vice President, Planning & Design  
Tetra Tech  
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Jason Hellendrung, ASLA is a Vice President and Director of Planning at Tetra Tech. In this role he directs planning, urban design and landscape architecture work on a wide range of urban, public infrastructure projects. Mr. Hellendrung maintains a special interest and practice in the evolution and transformation of cities through infrastructure improvements, including the development and revitalization of urban waterfronts, adapting cities for climate change, building city resilience, and integrating mobility improvements. Current and past projects include the Brickell Bay Drive Resilience Project in Miami; the HUD Rebuild by Design projects for Living With The Bay and the Jersey Shore; development of Resilient Shelby for HUD's National Disaster Resilience Competition, Climate Ready Boston, and consultation on the 100 Resilient Cities Program. Mr. Hellendrung served as Managing Principal of the Cedar Rapids River Corridor Redevelopment Plan and implementation of several design projects developed to guide the city's recovery from their historic flood in June 2008.

**Deanna Moran**, Vice President for Healthy & Resilient Communities  
Conservation Law Foundation  
62 Summer St, Boston, MA 02110  
617-850-1780 | [dmoran@clf.org](mailto:dmoran@clf.org)

Deanna is Vice President for Healthy & Resilient Communities at Conservation Law Foundation (CLF), a regional environmental advocacy organization in New England. In her role at CLF, Deanna oversees four teams working on community resilience, research & partnerships, impact investing, and farm & food. Her team works in partnership with communities, civic leaders, universities, and impact investors on a portfolio that includes the largest participatory action research study in the country focused on health and place; three impact investment funds for healthy neighborhoods totaling \$85 million that have produced more than 500 units of workforce housing; a Legal Food Hub that has connected 800 New England farmers and food entrepreneurs with pro bono legal support; and advocacy for more equitable, inclusive, and climate-resilient development.

Prior to joining CLF, Deanna worked for a community development financial institution (CFDI) in New Jersey where she assisted local governments and other stakeholders in devising and implementing 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, American Institute of Certified Planners, 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.

### **KEYNOTE SPEAKER**

**Daniel E. Coates**, Deputy Director, Division of Research and Statistics  
Federal Housing Finance Agency  
Constitution Center, 400 7th Street, SW, Washington, D.C. 20219  
202-649-3280 | Daniel.Coates@fhfa.gov

Daniel E. Coates serves as the Deputy Director of the Division of Research and Statistics (DRS) at the Federal Housing Finance Agency (FHFA). As the Deputy Director, he is responsible for using economics, research, and data analytics to enhance FHFA's regulatory policy, supervision, and oversight.

Dan is the Executive Sponsor of FHFA's Climate Change and ESG working group and Chair of the FHFA's Climate Change and ESG Steering Committee. He also represents FHFA at the Financial Stability Oversight Council's Climate-related Financial Risk Committee, and at the Network of Central Banks and Supervisors for Greening the Financial System.

Since 2018, he has served as the Chairman of the FHFA's Reference Rate Transition Steering Committee, which oversees the FHFA's regulated entities' transitions away from LIBOR and other reference rates. Coates is also the FHFA's representative to the Alternative Reference Rates Committee (ARRC).

Dan previously served as Senior Advisor to the Acting Director. Before that, he served as a Senior Associate Director in FHFA's Division of Federal Home Loan Bank Regulation, where he led a team of economists and financial analysts. His team was responsible for targeted credit and market risk examinations to support the FHFA's examinations of the Federal Home Loan Banks (FHLBanks). Additionally, Coates led a team of financial analysts who evaluated the financial condition and performance of the FHLBanks.

Before joining FHFA, Coates served as an Associate Director leading the Division of Research at the Federal Housing Finance Board.

Dan spent 10 years at the U.S. General Accounting Office (now the Government Accountability Office (GAO)). He earned his Ph.D. (with distinction) in economics from Columbia University, and his MA and BS in economics from the University of Delaware.

## SPEAKERS

**Jane Carbone**, LEED AP, Director of Development  
Homeowner's Rehab Inc.  
280 Franklin St, Cambridge, MA 02139  
617-868-4858 ext. 212 | [jcarbone@homeownersrehab.org](mailto:jcarbone@homeownersrehab.org)

Jane Carbone is Director of Housing Development for Homeowner's Rehab. Inc, a non profit affordable housing developer in Cambridge Mass., established in 1974. Jane oversees the development of affordable rental and homeownership opportunities. She coordinates all aspects of the project from predevelopment thru construction. She has completed several sustainable developments (new construction and rehab) in Cambridge using green development principles and climate resiliency goals.

Ms Carbone also initiated the framework for HRI to incorporate sustainability in all their developments which is over 1,600 units and over 60,000 square feet of commercial space.

Ms. Carbone received her BA in Environmental Design and City Planning from the University of Massachusetts at Amherst Massachusetts and is a licensed construction supervisor and LEED AP Professional.

**David Downs**, Vice President of Catholic Charities POP (Progress of Peoples) Development Corporation  
Catholic Charities of Brooklyn & Queens  
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David Downs is a community development practitioner with over 15 years of diverse experience as an affordable housing developer, program manager, and planner with established non-profit, public, and private sector relationships. David currently serves as Vice President of Catholic Charities POP (Progress of Peoples) Development Corporation, the affordable housing development affiliate of Catholic Charities Brooklyn and Queens. In David's role with Catholic Charities, he works to strategize, plan, and implement affordable housing and mixed-use real estate development and sustainability projects as part of the Catholic Charities POP Development portfolio. Recent projects include the Bishop Valero Senior Residence in Astoria, Queens, the HPD Livonia4 RFP in Brownsville, Brooklyn, and the Laudato Si Solar Energy Retrofit Pilot. David also advocates for strategic planning efforts focused on affordable housing development, policy, and sustainability models, including energy efficiency, resiliency, and healthy living. David currently serves on the Enterprise New York Policy Committee and the Age-Friendly Brooklyn Task Force.

**Lee Reiners**, Policy Director  
Duke Financial Economics Center  
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Lee Reiners is Policy Director at the [Duke Financial Economics Center](#) and a lecturing fellow at Duke Law. Reiners also directs the Climate Risk Disclosure Lab, which acts as a hub for sharing information and ideas on climate-related disclosure standards. At Duke, Reiners teaches Financial Regulatory

Policy, Cryptocurrency Law and Policy, Climate Change and Financial Markets, Cybersecurity and Interdisciplinary Law, and seminars relating to financial policy and regulatory practice. His broad research agenda focuses on how new financial technologies fit within existing regulatory frameworks and the financial regulatory response to the impacts of climate change. He writes frequently on FinTech and other financial regulatory matters on [The FinReg Blog](#) and speaks with financial policy experts on his podcast, [The FinReg Pod](#).

**Laurie Schoeman**, Director, Climate & Sustainability, Capital  
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Laurie Schoeman is the Director of Climate and Sustainability for Enterprise Community Partners Capital Division and sits in the Office of the President. Enterprise is the only national nonprofit that does it all – solutions, capital, and community development – under one roof. Laurie directs the efforts in the Capital division around ESG strategy development, finance, development, and management of climate risks for affordable housing across the nation.

Schoeman is a deeply committed multi-sector climate risk reduction leader with 20 years of experience working in affordable housing, climate finance, community and economic development, equity and environmental justice, and federal and local policy to build the resilience of communities across the nation. Schoeman is a nationally known practitioner and intermediary recognized for her keen ability to drive complex problems into tangible outputs to accelerate climate-safe and adaptive communities. Laurie has led leading-edge local, state and federal efforts to promote climate risk reduction, including the passage of the nation's first utility-sponsored environmental justice policy in San Francisco; the construction of the nation's first off-grid environmental justice learning center in California; and the publication of a series on Climate Resilient Housing which has led to close to \$250M of investment into housing resilience. Schoeman is the co-chair of the New York State Climate assessment buildings chapter and co-facilitates Resilience21, a network of practitioners across the U.S. advancing climate risk reduction and adaptation. Schoeman has an MUP. from Hunter College and a BA from Smith College.