Climate Adaptation Action by Three Cutting Edge Programs

Friday, November 17, 2017
University of Massachusetts Club | Boston

To submit a question throughout the program, go to www.pollev.com/ebcne

Presentations will be posted to the Forum website: www.climateadaptationforum.org

The next forum is scheduled for January 12, 2018.
AGENDA

8:00 a.m. Welcome: Daniel K. Moon, President & Executive Director
Environmental Business Council of New England

Welcome from the Partners
- Barry Mills, Interim Chancellor, University of Massachusetts – Boston
- Rebecca Herst, Director, Sustainable Solutions Lab at UMass Boston

8:10 a.m. Adaptation through Collaboration – A Moderated Discussion
Guest Speaker: The Honorable Sally Jewell
Fellow, Institute of Politics, The Kennedy School, Harvard University
Former U.S. Secretary of the Interior

Moderator: David Cash, Dean
John W. McCormack Graduate School of Policy and Global Studies
University of Massachusetts – Boston

9:00 a.m. Cutting Edge Regional and City Adaptation Programs
Moderator: David Cash, University of Massachusetts – Boston

Southeast Florida’s Fight Against Rising Seas
- Dr. Jennifer Jurado, Ph.D., Director and Chief Resilience Officer
  Environmental Planning and Community Resilience Division
  Broward County, Florida

A Stronger, More Resilient New York
- Susanne DesRoches, LEED AP, Deputy Director, Infrastructure Policy
  Mayor’s Office of Recovery and Resiliency
  New York City

Subsidence and SLR Affecting Newport News and Tidewater Virginia
- Colonel (Retired) Paul B. Olsen, P.E.
  National Director, SeaWall Coalition
  Director, Programs and Partnerships, Old Dominion University
- Ted Henifin, P.E., General Manager, Hampton Roads Sanitation District

10:15 a.m. Networking Break

11:00 a.m. Panel Discussion: Exploring Adaptation Programs
Moderator: Austin Blackmon, Chief, Environment, Energy, and Open Space
City of Boston

Panel Members:
- Dr. Jennifer Jurado, Broward County, Florida
- Susanne DesRoches, Office of Recovery and Resiliency, New York City
- Paul Olsen, SeaWall Coalition; Old Dominion University
- Ted Henifin, Hampton Roads Sanitation District

11:55 a.m. Closing Remarks: Ralph Child, EBC Board of Directors
Member, Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

12:00 p.m. Adjourn
GUEST SPEAKER

The Honorable Sally Jewell
Resident Fellow, Institute for Politics, Harvard Kennedy School
Distinguished Fellow, College of the Environment, University of Washington
Former Secretary, U.S. Department of the Interior

As a business executive and public servant serving as U.S. Secretary of the Interior under President Obama, Sally Jewell focused her career on supporting a robust economy coupled with long-term sustainability of our natural world and its diverse people.

During her tenure as Interior Secretary, Jewell was recognized for taking the long-view, using a science-based, landscape-level, collaborative approach to natural resources management. She and her capable team were deeply engaged in rebuilding a trusting, nation-to-nation relationship with indigenous communities in the U.S. They championed the importance of science and sharing data to better understand our Earth’s systems; supported development of commercial-scale renewable energy on public lands and waters; encouraged investments for more sustainable use of water in the West; and worked with Congress, President Obama and his team on long-term conservation of our nation’s most vulnerable and irreplaceable natural, cultural and historic treasures.

Throughout her career, Jewell has been committed to connecting people to nature, particularly youth. At Interior, she and her team championed efforts to create a continuum of engagement that encouraged tens of millions of young people to play, learn, serve and work on public lands.

Prior to serving on President Obama’s cabinet, Jewell was President and CEO of REI, a $2.6 billion retailer dedicated to facilitating outdoor adventures. Prior to REI, she served 19 years in commercial banking across a wide-range of industries, and began her career as an engineer in the energy industry. She has been active in many non-profit organizations throughout her life, including serving as a Regent of the University of Washington where she is a Distinguished Fellow in the College of the Environment. She is also serving as a Resident Fellow in Harvard Kennedy School’s Institute of Politics for the fall semester of 2017.

MODERATORS

Austin Blackmon, Chief, Environment, Energy and Open Space
City of Boston
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Austin Blackmon is Chief of Environment, Energy and Open Space for the City of Boston. His Cabinet is comprised of the Inspectional Services Department, the Environment Department, and the Parks and Recreation Department. Mr. Blackmon serves as the Mayor’s appointee to the boards of the Massachusetts Water Resource Authority (MWRA), Boston Groundwater Trust, Boston Harbor Now, and the Boston Harbor Islands Partnership. Mr. Blackmon also represents the City on the Green Ribbon Commission, the State’s Global Warming Solutions Act’s Implementation Advisory Committee and the State’s Energy Efficiency Advisory Council.

In his role, Mr. Blackmon oversees policy and programs on Energy, Climate Change, Sustainability, Building Safety, Historic Preservation and Open Space, including Climate Ready Boston, the Building Energy Reporting & Disclosure Ordinance, Rental Registry and Greenovate Boston, the city’s community outreach initiative on sustainability. Mr. Blackmon is currently leading efforts to implement Boston’s Climate Action Plan, which aims to reduce citywide greenhouse gas emissions 25% by 2020 and Carbon Neutral by 2050.
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David W. Cash is the Dean of the John W. McCormack Graduate School of Policy and Global Studies at UMass Boston and a founding Dean of the Sustainable Solutions Lab. He has spent his career trying to understand and better harness knowledge to solve pressing policy challenges. Spending the past decade in Massachusetts state government in catalytic roles, Cash helped to transform the commonwealth’s energy and environmental policy and regulatory landscape. His job history includes being a commissioner at both the Department of Environmental Protection and Department of Public Utilities, and Undersecretary of Policy at the Executive Office of Energy and Environmental Affairs. In these roles, he helped develop and implement nation-leading science-based environmental, climate, and clean energy programs; statewide climate adaptation planning; innovative renewable energy and grid modernization efforts and the Regional Greenhouse Gas Initiative—the nation’s first CO2 cap-and-trade program. He earned a PhD in public policy from Harvard University, concentrating in environment and natural resources. He also completed an MAT in science education from Lewis & Clark College and a BS in biology from Yale.

SPEAKERS

Susanne E. DesRoches, LEED AP, Deputy Director, Energy + Infrastructure
Mayor’s Office of Recovery and Resiliency
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Susanne DesRoches is the Deputy Director, Infrastructure + Energy at the New York City Mayor’s Office of Recovery and Resiliency where she focuses on adapting regional infrastructure systems to climate change. In this role, she also oversees analysis and advocacy on a wide range of energy regulatory and legislative matters before the state and federal government. She leads the NYC Climate Change Adaptation Task Force, a group of 60 public and private infrastructure operators, to identify climate risks, coordinate adaptation strategies and develop resiliency design guidelines. Susanne was previously the Chief of Resilience and Sustainability in the Engineering Department at the Port Authority of New York & New Jersey, where she oversaw incorporation of sustainability and climate resiliency into the agency’s ten-year capital program. She led the development of the PANYNJ Climate Resilience Design Guidelines, which incorporates future climate impacts into design strategies. She represented PANYNJ on numerous regional climate change initiatives including the NYC Building Resiliency Task Force, the NYC Climate Change Adaptation Task Force and the New York State Climate Action Council. Susanne holds a Bachelor of Industrial Design from Pratt Institute and an MPA in Environmental Science and Policy from Columbia University. She is faculty in the Master of Science in Sustainability Management at Columbia University.

New York City - Mayor’s Office of Recovery and Resiliency - The New York City Mayor's Office of Recovery and Resiliency (ORR) oversees the City's multilayered OneNYC climate resiliency program. Grounded in the best available science as developed by the New York City Panel on Climate Change, ORR works to ensure that the city's neighborhoods, economy, and public services will be ready to withstand and emerge stronger from the impacts of climate change and other 21st century threats.

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Ted Henifin joined HRSD November 1, 2006, as General Manager. He previously served as Director of Public Works for the City of Hampton. Henifin holds a bachelor's of science in civil engineering from
the University of Virginia. He is a registered professional engineer and serves on the board of directors for the National Association of Clean Water Agencies and Virginia Forever, is on the steering committee for the US Water Alliance’s Value of Water Campaign, and is past president of the Virginia Association of Municipal Wastewater Agencies. He is president of the George Wythe Recreation Association, treasurer of the Hampton Neighborhood Development Partnership, and is secretary of the board of directors for the Langley Federal Credit Union.

**Dr. Jennifer Jurado, Ph.D.** Director and Chief Resilience Officer
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Dr. Jennifer Jurado is Broward County’s Chief Resilience Officer and Director of the Environmental Planning and Community Resilience Division where she oversees regional climate resiliency initiatives, county-wide water resource policy and planning, shoreline protection and marine resources programs. Since joining the County in 2002, Jennifer has been a key figure in the advancement of multi-jurisdictional initiatives focused on water management, climate adaptation efforts, and the integration of climate policy in comprehensive planning. Of particular note has been her role in analyzing and planning for future sea level rise in the built environment. Jennifer has been engaged in the early formation and advancement of the Southeast Florida Regional Climate Change Compact and continues to serve on the Staff Steering Committee. Dr. Jurado was a major contributor to President Obama’s State, Local and Tribal Leaders Task Force on Climate Preparedness and Resilience and was recognized by the White House in 2013 as a Champion of Change for her leadership on climate resilience. Dr. Jurado earned her Ph.D. in Marine Biology and Fisheries from the University of Miami.

**Colonel (Retired) Paul B. Olsen, P.E.**
National Director, SeaWall Coalition
Former Commander, Norfolk District, U.S. Army Corps of Engineers
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Colonel Paul B. Olsen (U.S. Army Retired) is the Director of Programs and Partnerships for Old Dominion University’s Office of Research where he enables research projects between the University and federal agencies including the Department of Defense and NASA, as well as regional organizations in the public and private sectors. In addition to his University position, in 2017, Paul was named the National Director of the SeaWall Coalition and since 2000, has served as the President of Honor Builders, two rapidly growing organizations focused on strategic engineering and coastal resilience. Paul retired from the United States Army in 2015. His culminating assignment was command of the Norfolk District, U.S. Army Corps of Engineers, Norfolk District, where he gained national recognition in Sea Level Rise Planning and Port Modernization. Olsen is a registered professional engineer in the Commonwealth of Virginia and holds a Master of Science in civil and infrastructure engineering from George Mason University, a Master of Arts Degree in business management from Webster University, and a Master in strategic studies from the U.S. Army War College. Of note, he was named the 2014 Champion of the Port for Hampton Roads, the 2015 Government Engineer of the Year by the American Society of Civil Engineers (ASCE), and the winner of the Pentagon’s prestigious 2004 Pace Award for Innovation. Paul, an Eagle Scout for life, is active in the Boy Scouts of America and currently serves on the Board of Directors, Facilities Chair, for the Norfolk Botanical Gardens.