



2018 NEW JERSEY COASTAL RESILIENCE SUMMIT
CHARTING A COURSE FOR THE FUTURE

October 9-10, 2018

Monmouth University

Wilson Hall

West Long Branch, New Jersey

Agenda

The New Jersey Department of Environmental Protection (DEP) is embarking on the development of a New Jersey Coastal Resilience Plan.

As part of the DEP's priority to "Reduce and Respond to Climate Change," the plan will inform and guide the State of New Jersey's policies, regulations, resource allocation, and funding in the coastal zone to reduce the impacts of coastal hazards; increase resilience for structures, infrastructure systems, environmental resources, and coastal communities; address socially vulnerable populations; and attract equitable and sustainable investment.

The New Jersey Coastal Resilience Summit is an opportunity for the DEP to begin public discussion on key elements of the Coastal Resilience Plan, including characterization of threats to our valuable coastal resources, communities and economies and what action needs to be taken.

TUESDAY, OCTOBER 9

8:30 – 9:00 a.m. Registration Wilson Auditorium Lobby

9:00 - 9:30 a.m. Welcome and Opening Remarks Wilson Auditorium
Welcome: Tony MacDonald, Director, Monmouth University Urban Coast Institute
Remarks: Catherine McCabe, Commissioner, DEP

9:30 - 10:30 a.m. The State of the Coast: Climate Science and Shoreline Change
Moderator: Tony MacDonald, Director, Monmouth University UCI
Presenters: Dr. Bob Kopp, Director, Rutgers University Institute of Earth,
 Oceans and Atmospheric Systems
 Dr. Jon Miller, Assoc. Research Prof., Stevens Institute of Technology

New Jersey's coastal shoreline is a complex and dynamic system, and vital to the state's communities, economy, and character. These issues are made all the more complicated by expected impacts from climate change and sea level rise, which will permanently alter our shoreline. This session will introduce these issues to inform ongoing conversations.

10:30 – 11:15 p.m. Planning for the Future: Resilient Coastal Economies
Moderator: Peter Reinhart, Esq., Monmouth University Kislak Real Estate
 Institute

Presenters: Dean Emeritus Jim Hughes, Bloustein School, Rutgers University
Will Irving, Senior Project Manager, Rutgers University

New Jersey's coastal zone is one of the primary drivers of the state's economy. This session will describe the coastal economy's importance as well as trends to be considered for planning. The coastal economy will also be framed as part of a comprehensive consideration of broader economic transformations affecting the state.

11:15 – 11:30 a.m. Coffee Break Wilson Auditorium Lobby

11:30 – 12:15 p.m. Coastal Resilience: Legislative and Policy Perspectives

Moderator: DEP Commissioner Catherine McCabe

Discussants: Representative Frank Pallone and Kathleen Frangione, Chief Policy Advisor, Office of the Governor

Representative Frank Pallone and Ms. Kathleen Frangione are recognized leaders in coastal and environmental issues. This session will explore their views on resilience and opportunities for policy changes at the national and state level.

12:15 - 1:15 p.m. Lunch Anacon Hall

Concurrent Sessions

1:15 – 2:15 p.m. A Flooding Adaptation Standard for New Jersey Wilson Auditorium

Moderator: Pete Kasabach, Executive Director, New Jersey Future

Presenters: Jeanne Herb, Associate Director, EAC Group - Bloustein School, Rutgers University
Dr. Marjorie Kaplan, Associate Director, Rutgers Climate Institute

Many states have adopted sea level rise and other flooding standards to guide resilience decisions. This session will include a summary overview of standards in place and underway in other states and a discussion of how that information might inform development of a SLR standard in New Jersey.

Framework for Natural and Nature-Based Resilience Magill 107-108

Moderator: Patty Doerr, Director of Marine and Coastal Programs, The Nature Conservancy

Presenter: Dr. Tom Herrington, Associate Director, Monmouth University UCI

Natural and nature-based features define a large swatch of New Jersey's coastal zone and are the foundation of significant pieces of the state economy. They can also provide significant resilience benefits. Under what circumstances should these features be considered for resilience? What are the benefits and limitations of green infrastructure? What should a green infrastructure prioritization framework consist of to consider the goals of protecting, restoring, and enhancing natural coastal resources of the state?

2:15 – 2:30 p.m. Coffee Break Wilson Lobby / Magill Lobby

2:30 - 3:30 p.m. Flood Project Possibilities Here and Abroad Wilson Auditorium
Moderator: Dave Rosenblatt, Assistant Commissioner, DEP
Presenters: Chris Benosky, Vice President, AECOM
Niek Veraart, Vice President, Louis Berger

Dutch officials and hydrology experts have for many years focused on implementing flood control systems for disaster avoidance. This session will discuss traditional flood mitigation infrastructure options employed in the U.S. in comparison to those employed in the Netherlands and how similar disaster avoidance systems may be implemented in New Jersey.

Concurrent Sessions

Planning for the Future: Innovative Community Actions Magill 107-108
Moderator: Randy Solomon, Executive Director, Sustainable Jersey
Presenter: David Kutner, Planning Manager, New Jersey Future

Local and regional actions can serve as ground-breaking models of innovative, effective regional strategies to protect vulnerable resources that are critical to the economic, social, and environmental character of the state. A similar, forward-thinking approach is needed to respond to the considerable climate change risks New Jersey faces, particularly as storm events and sea-level rise regularly threaten our coastal and riverine communities.

3:30 – 3:45 p.m. Coffee Break Wilson Lobby / Magill Lobby

Plenary Session

3:45 – 4:45 p.m. Charting a Course for the Future: Scoping a New Jersey Coastal Resilience Plan Wilson Auditorium
Moderator: Debbie Mans, Deputy Commissioner, DEP
Presenter: Jessica Jahre, Project Manager, DEP

As the Department of Environmental Protection begins development of a Coastal Resilience Plan, this session will identify and seek feedback on issues, topics, studies, difficult questions, and next steps that must be addressed.

4:45 p.m. Adjourn

WEDNESDAY, OCTOBER 10

8:30 a.m. Light Continental Breakfast Wilson Auditorium Lobby

Plenary Session

9:00 – 10:00 a.m. Federal Agency Partnerships Improving Resilience Wilson Auditorium
Discussion Leader: Ginger Kopkash, Assistant Commissioner, DEP
Discussants: Joseph Seebode, Deputy District Engineer, USACE NY District

Mike Moriarty, Director of Mitigation & Federal Insurance, FEMA
Mark Osler, Senior Advisor for Coastal Inundation and
Resilience, NOAA National Ocean Service
Amanda Bassow, Director, Northeastern Regional Office,
NFWF

The actions of federal agencies have a significant impact on the resilience of New Jersey's coastal resources and communities. Coordination and cooperation between these agencies and with the state is vitally important. Representatives from federal agencies are invited to speak about resilience actions they have taken in the state, with a particular emphasis on successes that were improved by partnerships with others.

Concurrent Sessions

10:00- 11:00 a.m. The Public Trust and Waterfront Access Wilson Auditorium

Discussion Leader: Ken Pringle, Esq., Pringle Quinn Anzano, PC

Presenters: David Apy, Esq., N.J. Assistant Attorney General
 Tim Dillingham, Executive Director, American Littoral Society

The public's right to access tidal waters and their shorelines, embodied in the Public Trust Doctrine, has existed prior to the inception of the State of New Jersey and continues to this day. What are the current and future challenges that must be addressed, and how to continue to promote waterfront access in the face of a changing climate?

Regional Ocean Management: Resilient Ecosystems and Economies Magill 107-108

Discussion Leader: Liz Semple, Office of Coastal and Land Use Planning, DEP

Presenter: Nick Napoli, MARCO, Ocean Portal and Data Manager

Discussants: Sydney Sheridan, Marine Liaison Manager, TE SubCom
 Ali Chase, Senior Policy Analyst, NRDC
 Doug Simpson, U.S. Coast Guard

The Mid-Atlantic Regional Council on the Ocean (MARCO) and the Mid-Atlantic Regional Planning Body have developed a Regional Ocean Action Plan and data portal to inform the extensive and significant uses of our ocean resources. The resilience of these resources and continued cooperative use is vital to the economy of New Jersey, the region, and the country.

(Coffee will be available from 10:00-12:00

Wilson Lobby / Magill Lobby)

11:00 - 12:00 p.m. A Seat at the Table: Inclusion of Socially Vulnerable Communities Magill 107-108

Discussion Leader: Jeanne Herb, Associate Director, EAC Group - Bloustein School,
Rutgers University

Presenters: Ana Baptista, Chair of the Environmental Policy and
 Sustainability Management Program, The New School
 David Henry, Monmouth County Health Officer

The engagement of socially vulnerable populations is an often overlooked, yet critical part, of resiliency planning initiatives. What are the actionable strategies, educational tools, and coastal policies that can be developed to address the needs of socially vulnerable populations?

Healthy Estuaries and Coastal Marshes

Wilson Auditorium

Discussion Leader: Mike DeLuca, Senior Associate Director, Office of Research,
Rutgers University

Discussants: Lisa Auermuller, Assistant Manager, JC NERR
Stan Hales, Program Director, Barnegat Bay Partnership
Jennifer Adkins, Executive Director, Partnership for the
Delaware Estuary
Rob Pirani, Program Director, NY/NJ Harbor & Estuary Program

New Jersey's coastal zone includes 3 National Estuary Programs, a National Estuarine Research Reserve, and the globally important Raritan-Hudson estuary. What are the unique issues and innovative responses to coastal hazards being tried in these vital areas?

12:00 – 1:00 p.m.

Lunch

Wilson Pompeii and Versailles

Plenary Session

1:00 – 2:00 p.m.

Offshore Wind: Maximizing Opportunity and Protecting Resources **Wilson Auditorium**

Discussion Leader: Anne Marie McShea, Clean Energy Program Administrator, BPU

Presenters: Bob Kettig, Bureau Chief, Energy and Sustainability, DEP
Joe Cimino, Assistant Director, Marine Fisheries, DEP

The State of New Jersey is updating its energy master plan. There is significant effort being put forth to maximize wind as a renewable and clean energy source. What is the status of the state's efforts to obtain offshore wind energy? What is the process moving forward? How can the use of offshore wind help mitigate the impacts of climate change on our coastal zone?

2:00 – 2:30 p.m.

Closing Remarks – Way Forward

2:30 p.m.

Adjourn