



ENVIRONMENT
NEW JERSEY

Clean Air. Clean Water. Open Spaces.

MEIliott@EnvironmentNewJersey.org

609-394-8155

Policy

- Renewable energy standard.
- Regional Greenhouse Gas Initiative (RGGI)
- Governor's Executive Order 54.
- Global Warming Response Act.

An Unfamiliar State

Local Impacts of Global Warming in New Jersey



Environment New Jersey
Research & Policy Center

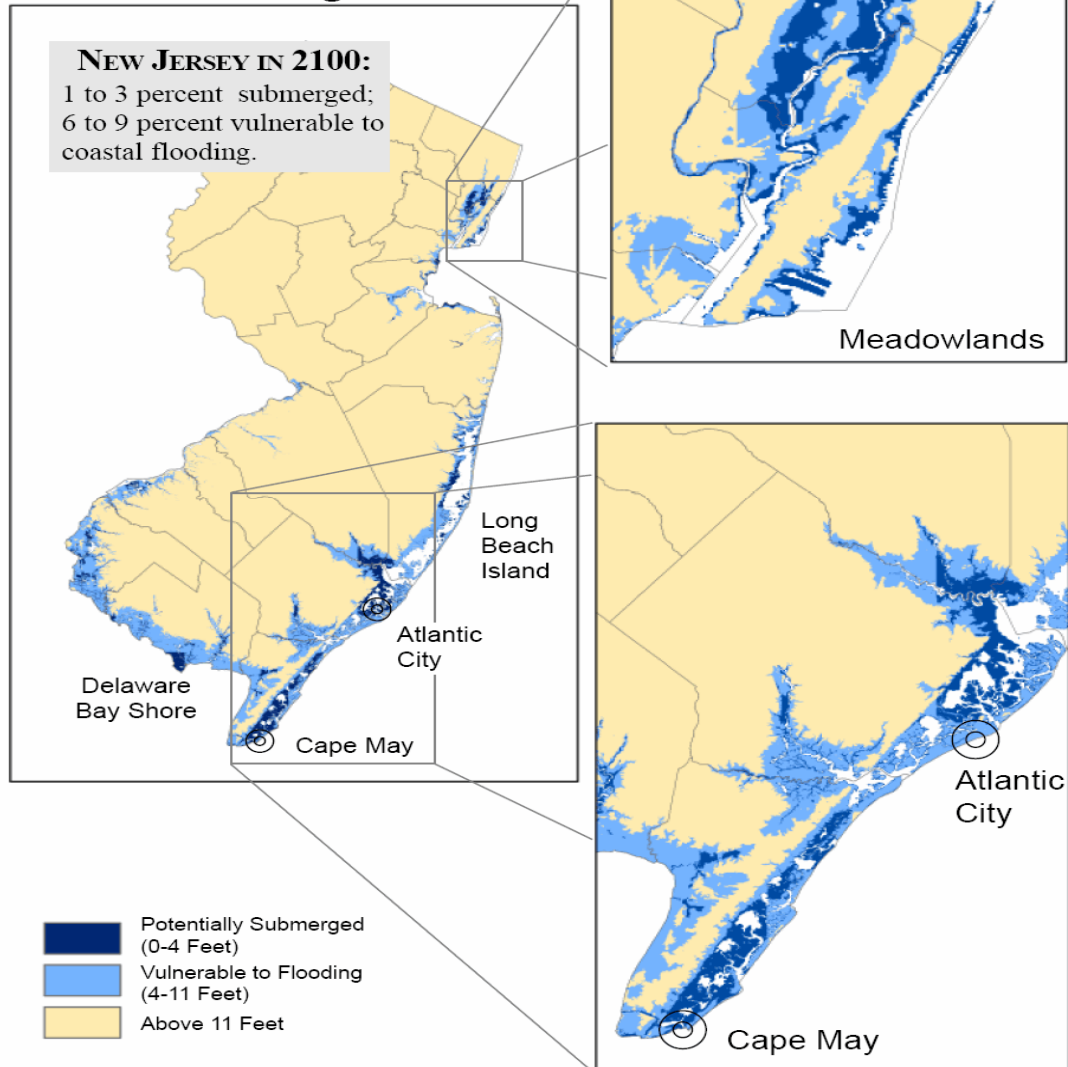
If unchecked, global warming will affect every corner of New Jersey in the coming century.

The Shore

New Jersey's Coastal Treasures at Risk for Flooding

NEW JERSEY IN 2100:

1 to 3 percent submerged;
6 to 9 percent vulnerable to
coastal flooding.

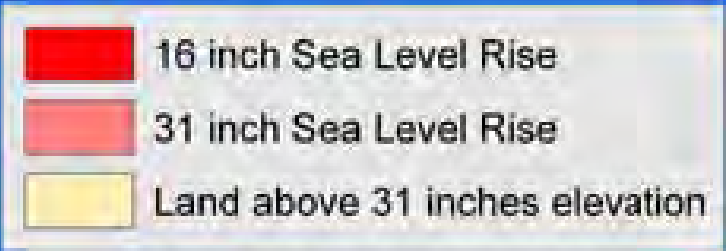


Inundated boardwalks.

Receding beaches.



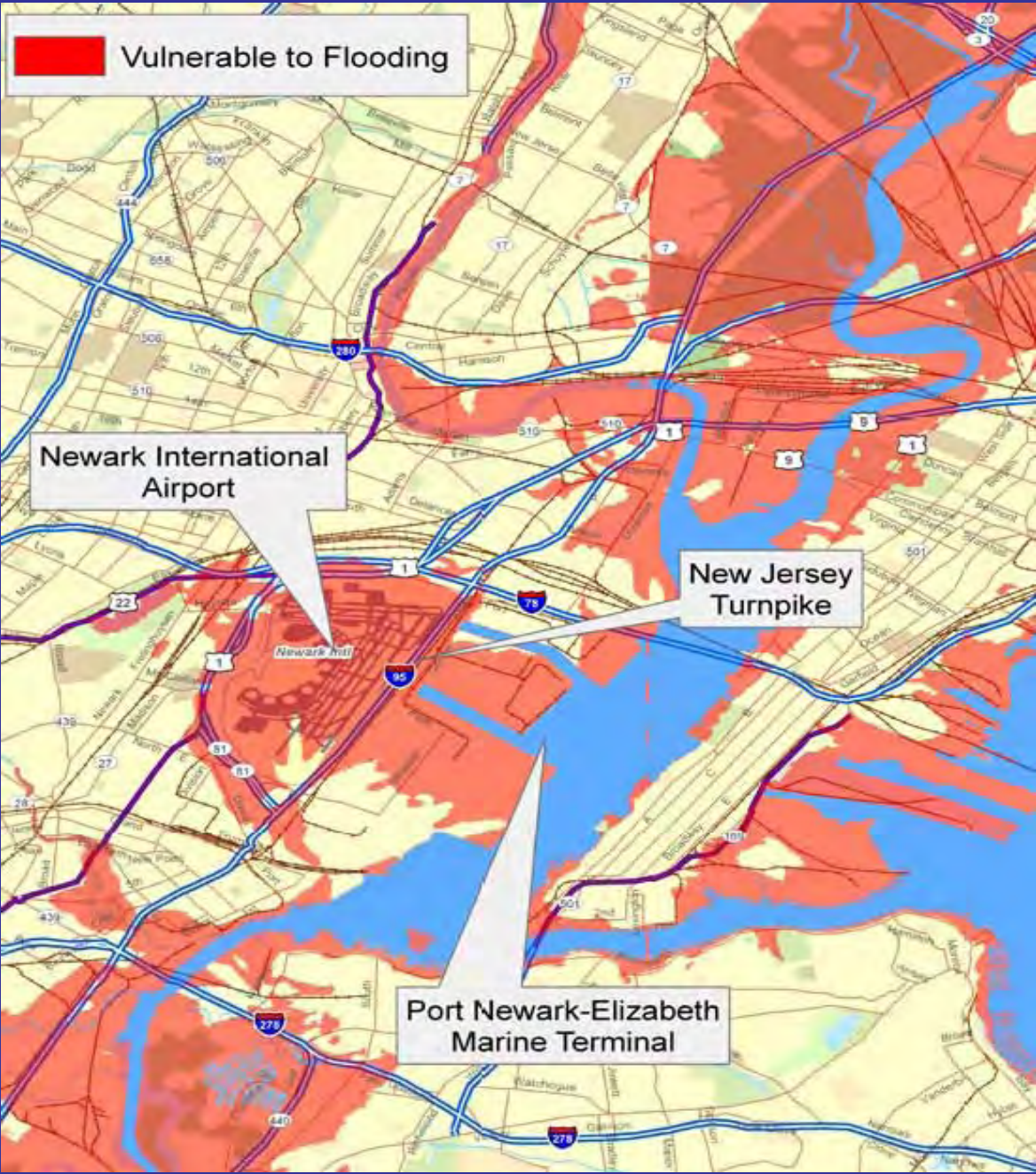
The Wildwood Boardwalk



NYC Metro Area



Vital
infrastructure
under threat.

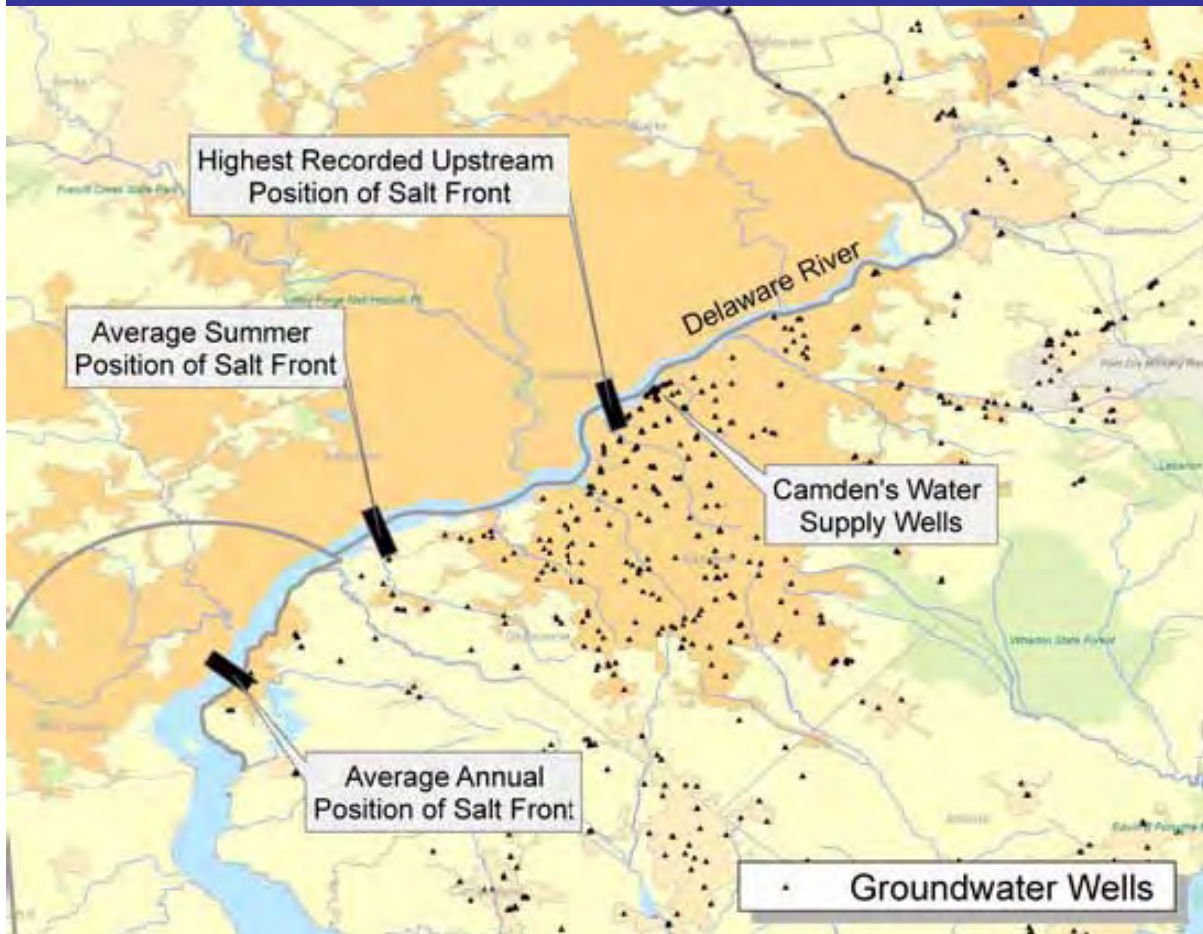


Highlands and Pinehills Agriculture



Longer growing seasons, more threats to crop health.

River Towns



More dangerous floods.

Contaminated drinking water.



Urban New Jersey

More heat-related deaths.

Suburban New Jersey

More smog-related deaths.

Costs

\$16 billion tourism industry
+ hundreds of thousands
of jobs.

\$300 million agricultural
industry.

\$1.5 billion on average per
year in flood damage.

NJ Public Opinion

- 94% Household energy conservation is important
- 84% Have done something to conserve energy
- 87% NJ should be doing more to encourage conservation & EE
- 79-82% Governor Corzine, individuals, businesses, BPU should be doing more.

New Jersey
must become a leader on
energy efficiency
and renewable energy.

Policy

- Renewable energy standard.
- Regional Greenhouse Gas Initiative (RGGI)
- Governor's Executive Order 54.
- Global Warming Response Act.

New Energy Future
for
New Jersey

South Jersey



Immense
offshore wind
potential.

Suburban New Jersey



Reduced consumption through high-performance homes, businesses, and appliances.

Urban New Jersey



A million
solar
rooftops on
factories
and homes.

More solutions...

- Proper implementation of the Regional Greenhouse Gas Initiative (RGGI).
- Expansion of combined heat and power (CHP).
- Promotion of demand response programs.

Energy Master Plan

The Potential for Energy Efficiency

- Installation of high efficiency heating and cooling equipment in homes and businesses.
- Purchase of EnergyStar homes, appliances, windows, and other products.
- Strong energy efficiency standards for appliances.
- Improvements in the energy efficiency of commercial lighting.
- Better Management of heating, cooling and ventilation systems in commercial buildings.

Energy Master Plan

The Potential for Energy Efficiency

Governor Corzine should:

- Adopt an EE portfolio standard.
- Renew and double the SBC to support EE and renewables.
- Expand penetration of CHP through continued subsidies + better marketing
- Set aggressive standards for EE in new homes, new businesses, & in common appliances and equipment
- Require homes on the market be rated for EE

RGGI

The potential for energy efficiency

- Pollution permits will likely have a value of between \$46 million and \$229 million per year.
- Proceeds should support EE projects, which would also reduce the cost of the program to ratepayers.

Next Steps



ENVIRONMENT
NEW JERSEY

Clean Air. Clean Water. Open Spaces.

MEIliott@EnvironmentNewJersey.org

609-394-8155