

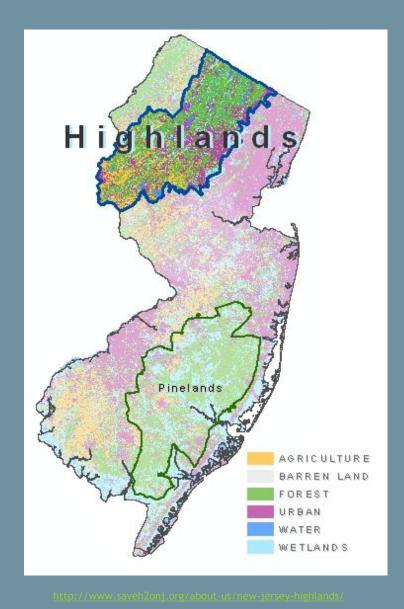
Purpose of Study

- After producing virtually no climate change legislation for 8 years, New Jersey suddenly has had a barrage of climate change laws and executive orders passed in the last year.
- With the speed and recent nature of these laws, it is important to understand the context and possible effectiveness of legislation being passed.
- It is also essential to determine if more policy is needed on the topic, and if so, where in particular the state is still lacking appropriate policy.

NJ Climate Change Policy Review

- Global Warming Response Act (2007)
- Energy Master Plan (2011)
- Solar Act (2012)
- Regional Greenhouse Gas Initiative (2018)
- Joining Paris Climate Accord (2018)
- Energy Master Plan Amendments (2018)
- Offshore Wind Energy Development Act (2018)
- Clean Energy Act (2018)

NJ Climate Change Policy Recommendations



- Land Conservation
 - Increase efforts to acquire undeveloped land
 - Increase protections on preserved lands
- Regional Protections
 - Stop development in the Highlands, Meadowlands, and Pinelands
 - Preserve undeveloped land in the Delaware and Raritan Watersheds
 - Convert developed land along rivers into wetlands
 - Halt fertilizer usage along New Jersey bays

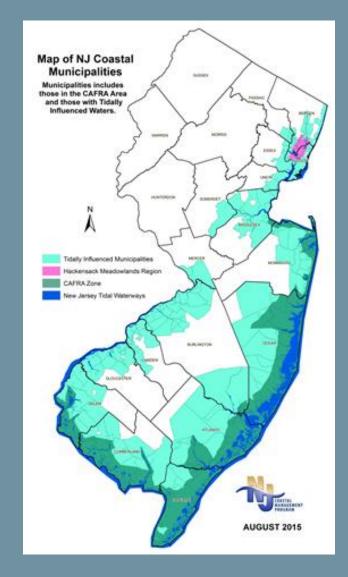
- Smart Growth with Green Infrastructure
 - Mandate LEED certification for new construction projects
 - Mandate flood resistance for all newly constructed structures
 - Modernize electric grid by emphasizing efficiency
- Public Transportation
 - Return rail service to South Jersey
 - Acquire federal funding for Gateway Tunnel
 - Construct new light rail systems in Gloucester and Camden Counties
 - Re-fund and re-staff NJ Transit
 - Add new trains and rail cars
 - Increase subsidies for electric vehicles



Energy

- Halt construction of natural gas pipelines
- Increase solar and wind subsidies
- Mandate that newly built houses must have solar panels
- Implement a more expensive carbon credit system for GHG producers
- Consider building safe, new nuclear power plants

- Environmental Justice
 - Fully fund the state's Environmental Justice Commission
 - Prioritize renewable energy projects in low income areas
 - Freeze public transportation fares for low income commuters
- Urban Planning
 - Reduce heat islands
 - Build more heat shelters
 - Fund new greenway projects
 - Build more urban parks
 - Mandate green rooftops



- Coastal Protection
 - Protect remaining wetlands
 - Construct artificial wetlands in bays
 - Re-map coastal flood zones by accounting for climate change
 - Ban construction and rebuilds in high-risk flood zones



- Inland Water Policies
 - Re-map inland flooding zones by accounting for climate change
 - Mandate flood resistance for all newly constructed structures
 - Re-construct storm water infrastructure by accounting for climate change
 - Mandate increased capacities for waste water treatment facilities
 - Convert developed properties at a high-risk of flooding into undeveloped land

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