



**FROM TIDES TO STORMS:  
PREPARING FOR NEW  
HAMPSHIRE'S FUTURE COAST**

*Seabrook - Hampton Falls - Hampton - North Hampton - Rye - New Castle - Portsmouth*

Assessing the Risk and Vulnerability of NH Coastal Communities to Sea Level Rise and Storm Surge

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**NH Office of Energy and Planning  
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Senior Planner

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**Project Overview**

- Evaluate impacts from sea-level rise and storm surge flooding
- Roadways, Critical Infrastructure, Natural Resources

**Project Deliverables**

- Maps and Data
- Regional and Municipal Vulnerability Assessment reports



*Portsmouth*

*New Castle*

*Rye*

*North Hampton*

*Hampton*

*Hampton Falls*

*Seabrook*

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**Tools and Applications**

- ✓ Best-available science
- ✓ **Maps and Data**
- ✓ Municipal Coordination
- ✓ Implementation Guidance
- ✓ Vehicles for Informed Planning
- ✓ Applicability





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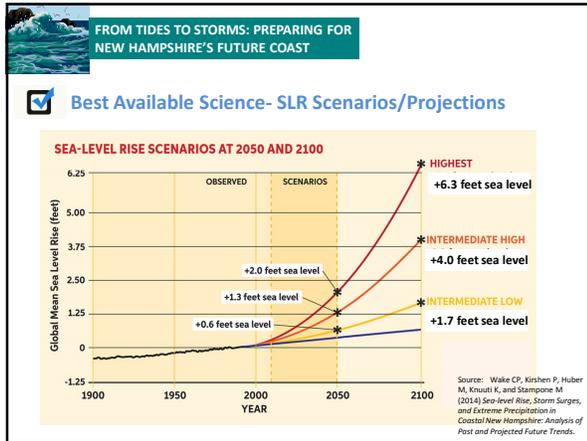
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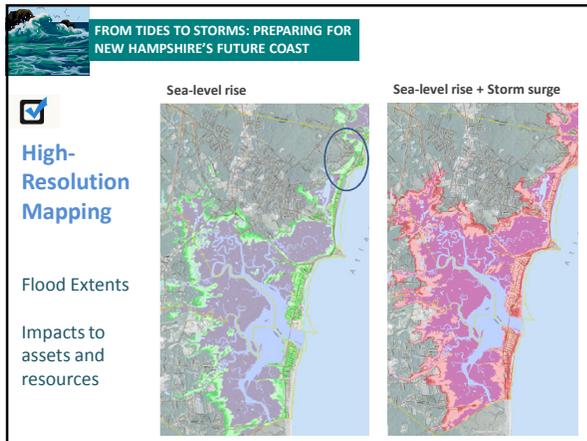
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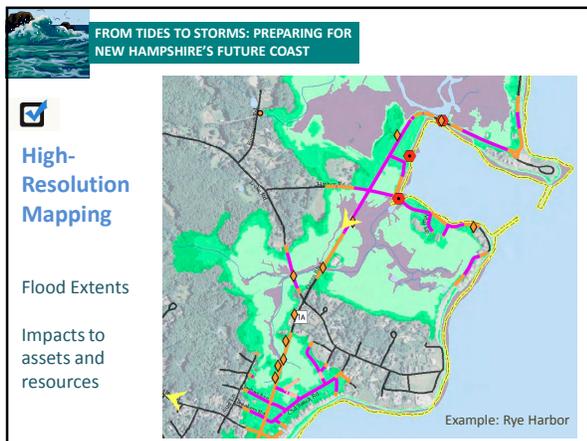
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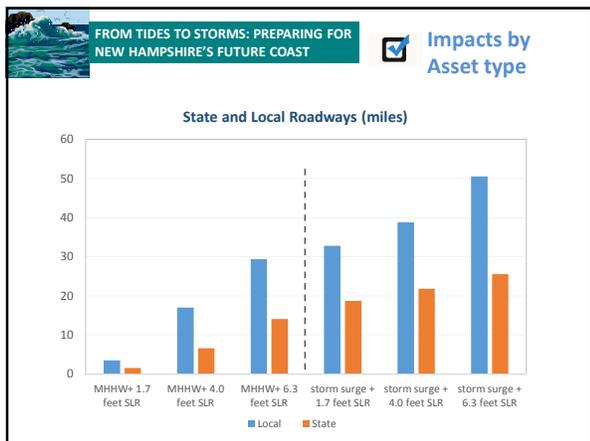
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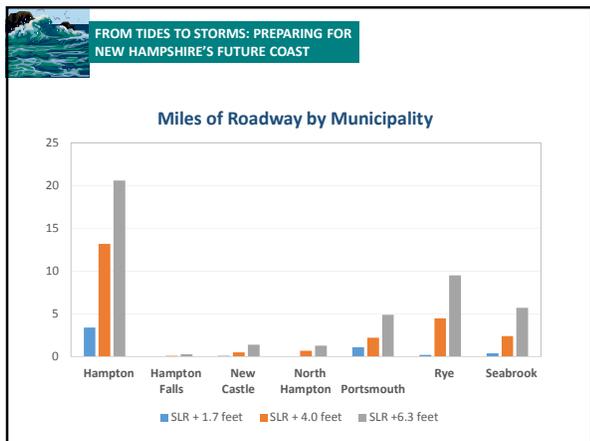
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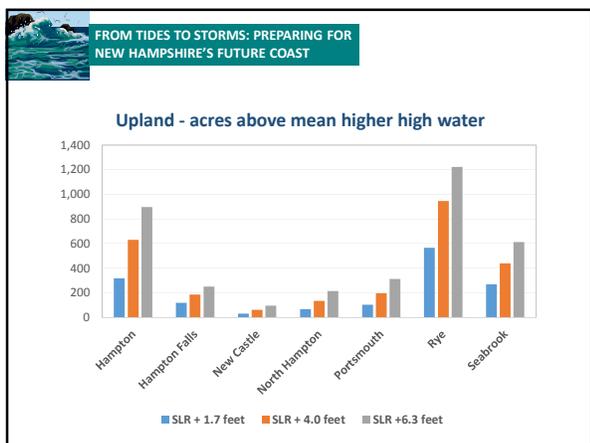
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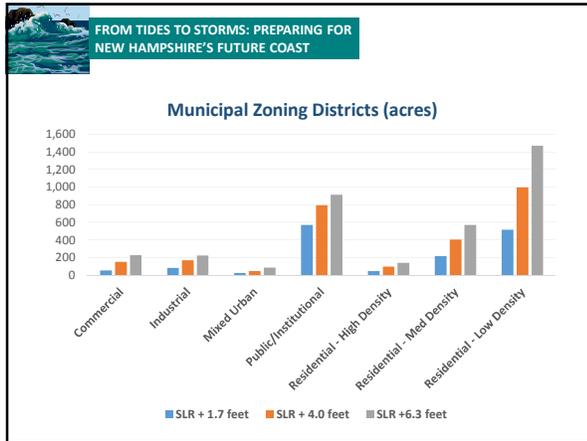
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### Implementation Guidance

- Designing for resiliency in the current 100-year floodplain will protect against long term sea-level rise
- Adaptation strategies need to be customized to address variable conditions
- Iterative actions, not a one-size-fits-all problem
- No-regrets policies and investments
- Periodic review and evaluation of climate science findings, adjust strategies accordingly

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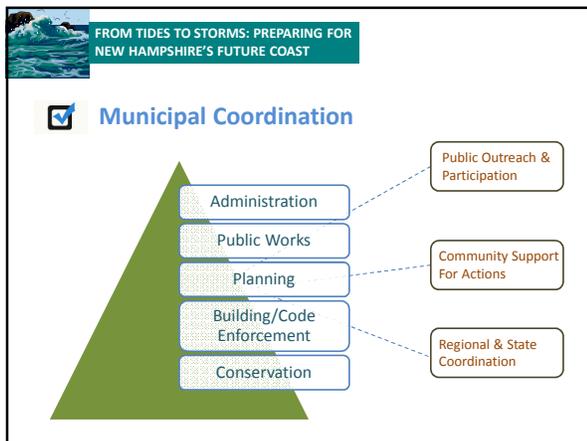
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**Vehicles for Informed Planning**

**Vulnerability Assessment**

- Critical Infrastructure
- State and Local Roads
- Utilities and Infrastructure
- Natural Resources - Environment

**Regional Planning Recommendations**

- Policy and Planning Recommendations
- Regulatory Strategies
- Non-Regulatory Approaches

*Local Hazard Mitigation Plans*

*State Agency Plans*

*Regional Master Plan*

*Natural Resource Conservation*

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**Project Applicability**

How can the project results be useful?

- Inform recommendations in the CRHC Final Report
- Assist regional practitioners with technical assistance and outreach to municipalities
- Guide policy changes by state agencies
- Provide a solid rationale for grant proposals to fund infrastructure improvements, planning and community outreach

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**Project Materials**

- Regional Assessment and Maps
- Municipal Assessment and Maps

<http://www.rpc-nh.org/regional-community-planning/climate-change/resources>

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ROCKINGHAM PLANNING COMMISSION

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