

## Resilience Innovations: Financing Opportunities



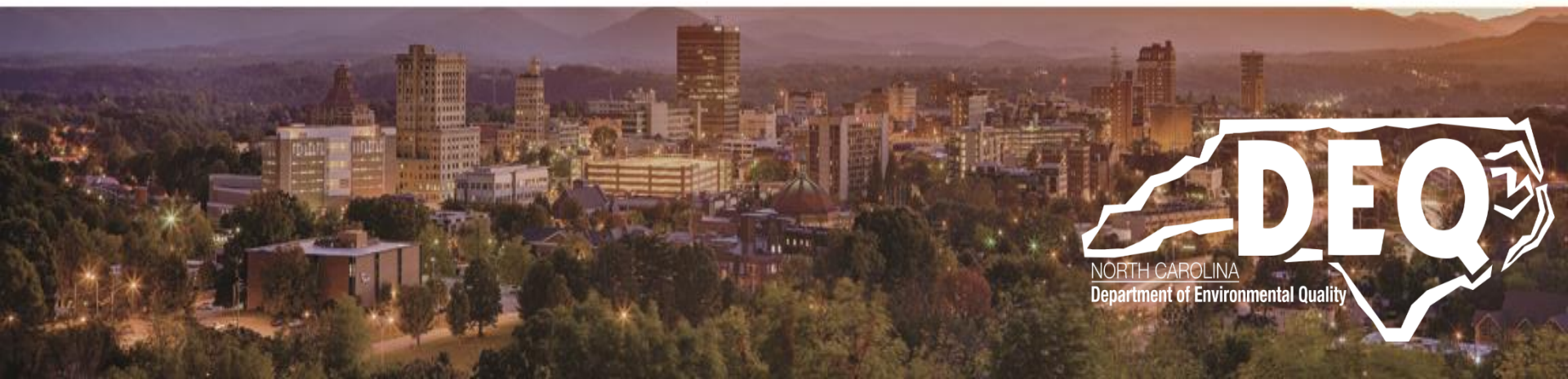
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2019 North Carolina  
Coastal Resilience Summit

*Resilience Innovations:  
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Division of Water Infrastructure*



# *Current Funding Programs*

- Clean Water State Revolving Fund (CWSRF)  
\$120-130M
- Drinking Water State Revolving Fund (DWSRF)  
\$90-100M
- Community Development Block Grants –  
Infrastructure (CDBG-I) \$23-25M
- State Reserve Programs \$10M?
  - Project loans and grants
  - Asset Inventory and Assessment grants
  - Merger / Regionalization grants



# Resiliency Projects

- Fair Bluff



- Johnston County WWTP relocation

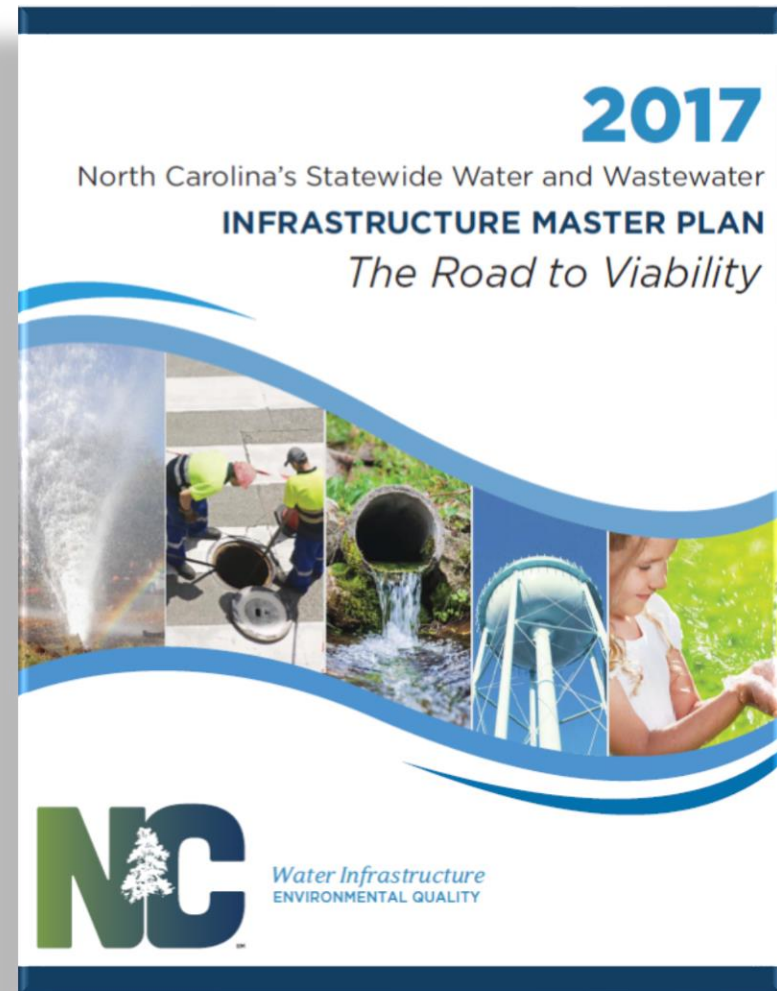


# Master Plan Vision

The state will best be able to meet its water infrastructure needs by ensuring individual utilities are, or are on a path to be, viable systems

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A viable system is one that functions as a long-term, self-sufficient business enterprise, establishes organizational excellence, and provides appropriate levels of infrastructure maintenance, operation, and reinvestment that allow the utility to provide reliable water services now and in the future



# Best Practices in Utility Management



## Infrastructure management

- Proactive approaches
- Life-cycle costs
- Risk management



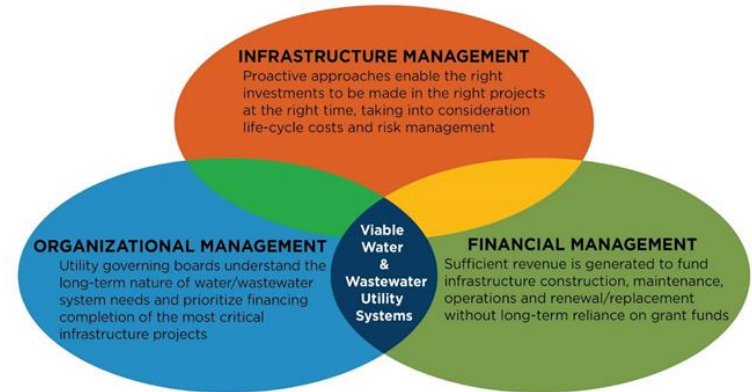
## Organizational management

- Long-term nature of system need
- Governing boards prioritize the most critical projects



## Financial management

- Sufficient revenue generation for O&M, renewal/replacement, reserves
- Permanent local funding solutions



# *Future Options?*

## Viability Grants

- Asset assessment and rate study grant
- Merger/regionalization feasibility grant
- Project grant

