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ENERGY, LAND & WATER RESOURCES



Water Supply Options in Coastal Georgia

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Water Supply Management

Goal: Meet current and projected needs while protecting natural resources

Planning complicated by potential for increasing variations in river flow volumes, rainfall events and aquifer levels

Saltwater intrusion continues to be an issue for communities relying on the Floridan aquifer

Based on complications, the most resilient systems will include both supply-side and demand-side projects (i.e. conservation)

Demand Management and Conservation

Water conservation projects include:

- Water efficient plumbing fixtures and appliances
- Implementing incentive programs to conserve water
- Installing water meters in previously unmetered areas
- Replacing broken or malfunctioning water meter
- Replacing distribution pipe to reduce loss
- Indirect potable reuse (irrigation and industrial)



Increasing Water Supply

Supply-side projects include:

- Interconnecting water systems
- Deep aquifer wells
- Desalination
- Reopening inactive wells
- Increase surface water storage
- Aquifer storage and recovery





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