

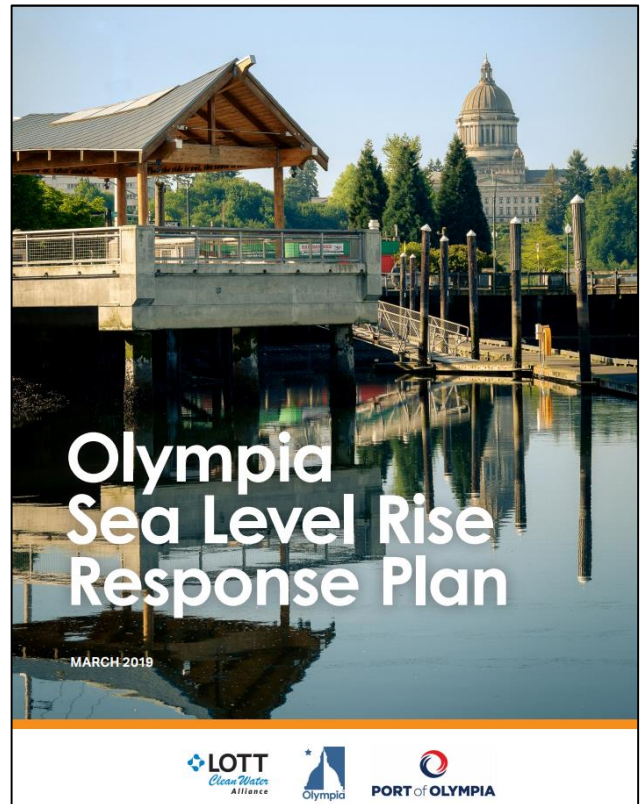
## Sea Level Rise Response Plan: City of Olympia, Washington

*A joint planning effort to protect a city's unique character and downtown from rising seas.*

### Working Together to Protect the City

AECOM led a collaborative and jointly-funded planning effort with the City of Olympia, Port of Olympia, and LOTT Clean Water Alliance to develop a Sea Level Rise Response Plan to protect the capitol city's downtown area. Olympia (population 52,490) already experiences flooding from the Deschutes River and Puget Sound several times a year and sea level rise will dramatically increase Olympia's flood risk. The downtown area is the social, cultural, historic, and economic core of the city and also contains a regional wastewater treatment facility and the Port of Olympia.

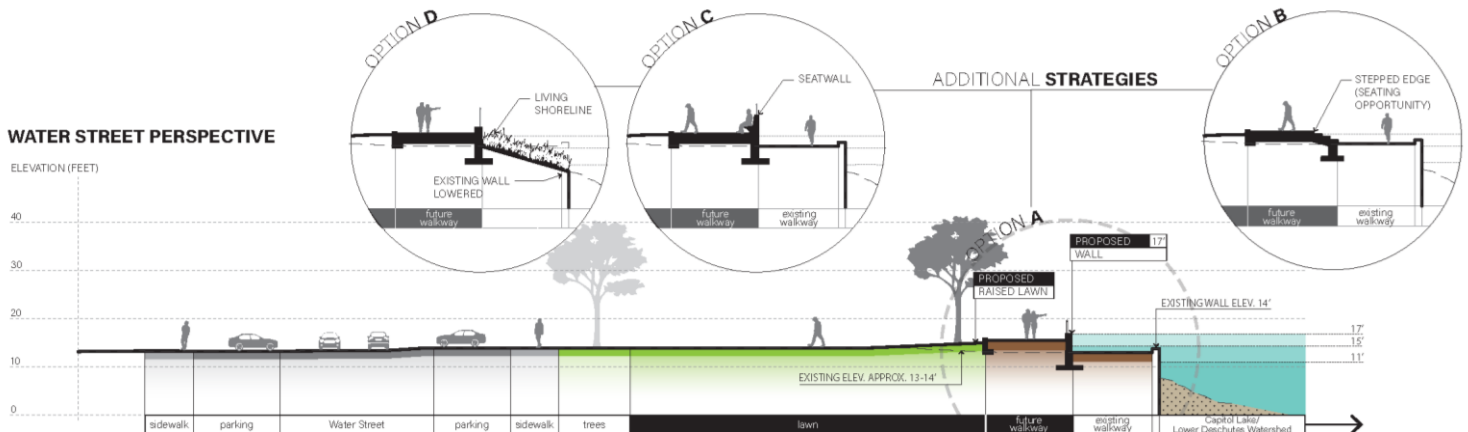
The Plan identifies near-term, mid-term, and long-term strategies to protect and adapt to rising sea levels. To ensure continuous protection through the coming century, the plan advocates for a phased approach, using adaptable infrastructure solutions and identifies a range of key operational, governance, and informational strategies to provide holistic flood protection.



Business Achievement



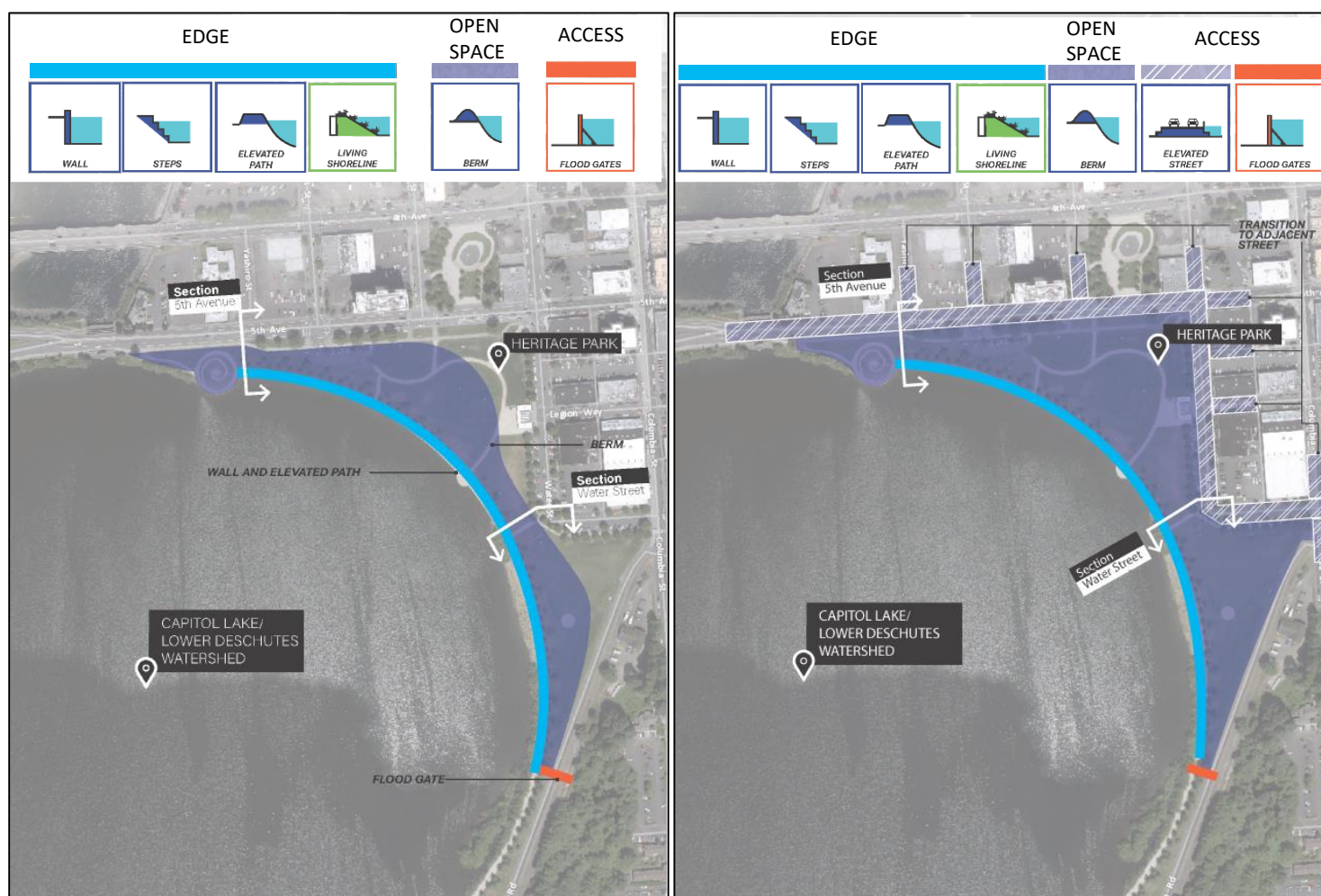
*Winner of the 2018 Climate Change Business Journal Business Achievement Award for Climate Change Adaptation and Resilience*



*Example mid-term sea level rise (24") flood protection alternatives considered in the Plan*

## Key Features of the Plan

- Collaborative, inter-local effort to ensure coordinated strategy for protection of downtown
- Supported by sea level rise vulnerability assessment to identify susceptibility of key assets
- Stakeholder and community engagement was critical throughout Plan development using a variety of tools and activities, including sea level rise walking tours, to maximize participation
- Identification of effects to social equity by accounting for potential impacts to social services, such as meals (food bank), medical devices, clothing banks, daytime shelters, and promoting protection/creation of public space along the waterfront
- Includes suite of adaptation strategies including infrastructure improvements and governance/policy-related strategies to ensure sea level rise is considered at the most appropriate time in a project
- Considers adaptive strategies phased by established action triggers identified before severity of flooding reaches an intolerable level
- Promotes a combination of traditional armoring and nature-based solutions to create ecological and aesthetic benefits



Phased strategy implementation for mid-term (left) and long-term (right) sea level rise flood protection

### About AECOM

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