

Planning for Sea Level Rise



City Council
April 11, 2017

Business of the Evening

Pass resolution

- Establishes partnership to develop sea level rise response plan
 - Port of Olympia, LOTT Clean Water Alliance, City of Olympia
- Authorize the City Manager to sign the interlocal agreement
 - Defines cost sharing and general scope of work

Olympia's Comprehensive Plan - 2014

The City uses best available information to implement a sea level rise management plan that will protect Olympia's downtown.

- Develop a robust sea level response plan
- Maintain public control of downtown shorelines
- Use best available science
- Partner with other governments and key stakeholders
- Engage the community
- Require development to incorporate response measures

Our Downtown Is Vulnerable

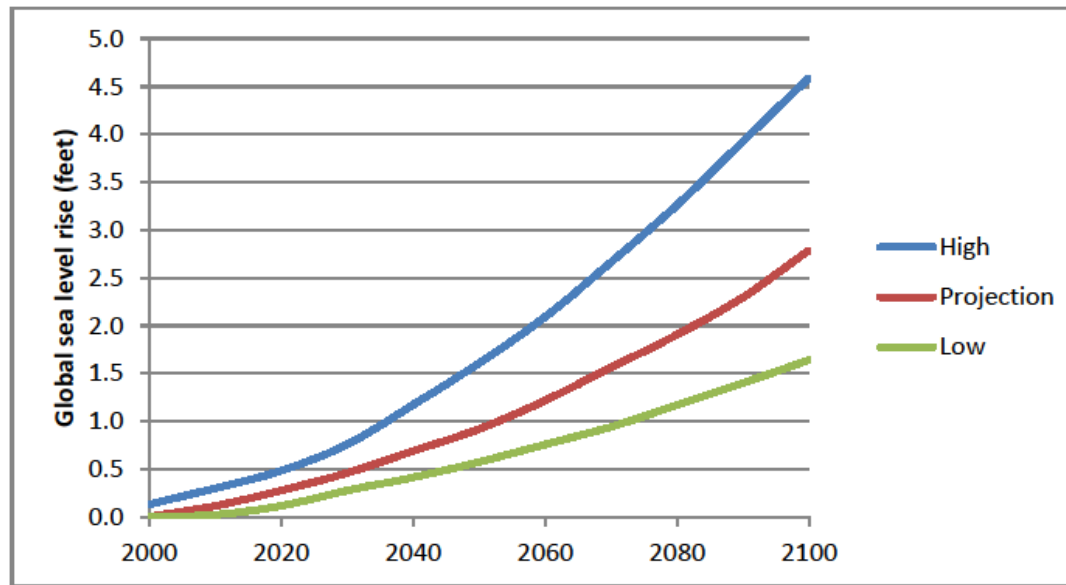


The Planning Goal

Develop a formal community plan that prioritizes investments for best responding to sea rise, while protecting downtown economic, social, and environmental values. The plan will identify funding needs and sources, implementation schedules and responsibilities.



National Research Council West Coast Projections - 2012



Plan Approach

- Turn risk and vulnerability into strategies and decisions
 - Priorities
 - Actions
 - Timing
 - Funding
 - Responsibilities
 - Monitoring/thresholds



Leading the Plan

- Lead...Water Resources (Public Works)
- Staff team...PW, CP&D, Parks, Fire
- Executive coordination...PW, CPD, Legal, Communications
- Interjurisdictional...Port, LOTT, City, State
- Advisory committee...Utility Advisory Committee
- Expert review team



Current Work Efforts

April and May

- Detailed Scope of Work
- Outreach Strategy
- Return to City Council



Olympiawa.gov/sea level rise

City of Olympia



Rising Sea Levels

One Foot

Low Projected Year: 2072 / Projection:
2053 / High Projected Year: 2031



Olympia's Farmers Market

 Key Public Structures Affected

 Buildings Affected

 in an Annual Flood

Elevation is 14 feet NAVD88 / 18 feet MLLW

Parcels Affected: 46

Acres Inundated: 55

Value of Buildings Affected: \$71,446,241

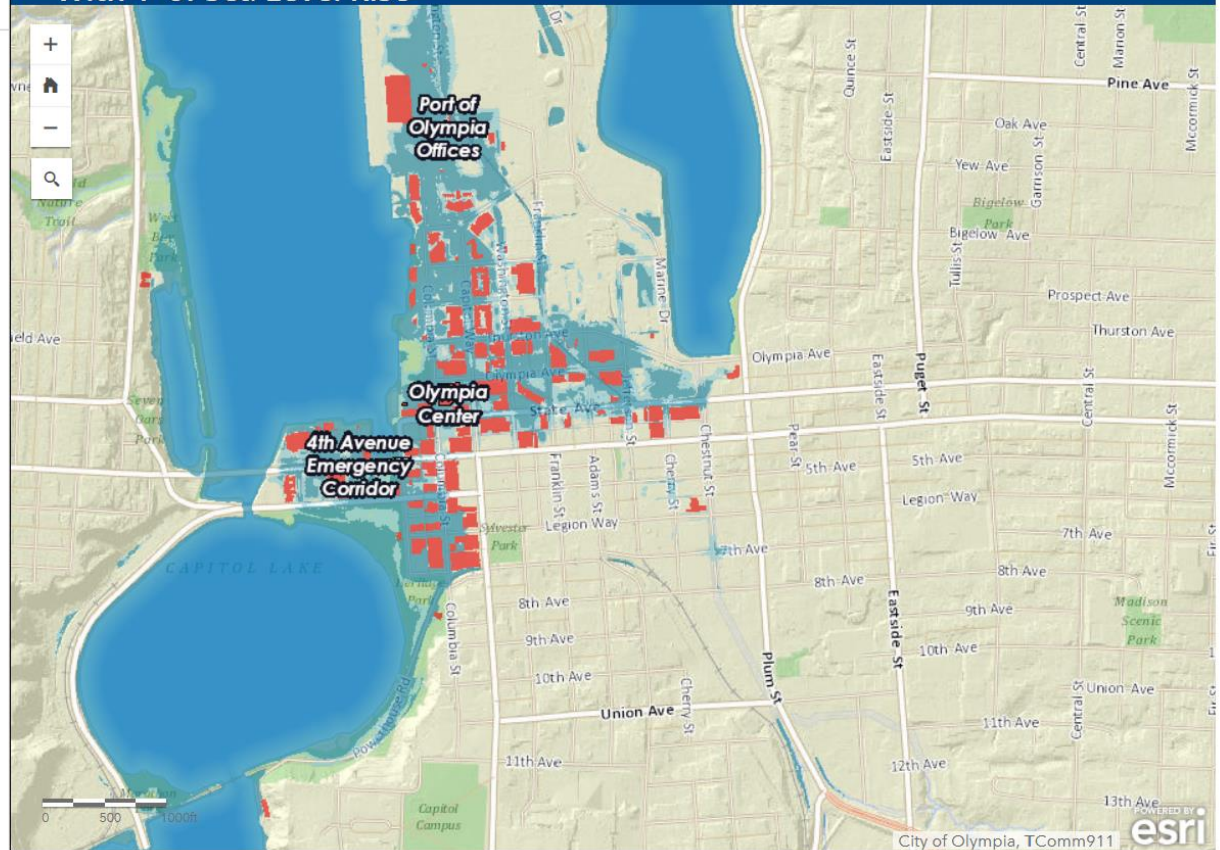
Value of Properties Inundated: \$86,588,400

Miles of Road Inundated: 4.1

 in a 100-year Flood

Elevation is 15 feet NAVD88 / 19 feet MLLW

With 1' of Sea Level Rise





Sea Level Rise Response

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