CRDC Tasks:

• Take CIRCA data on sea level rise and **produce graphic plans and sections to clearly communicate the affects of projected water rise over time** on the Bank Street area of New London.

• **Develop a series of design/planning scenarios** that will **mitigate the negative consequences** of sea level rise **while looking for opportunities to promote economic growth**, create sustainable cultural/ natural systems and improve ‘place-making/sense of place’ of affected parts of the urban fabric.
Structures Affected by 1% Flood Event

- 2018*

* CIRCA Data

Thames River

Aerial w/ structures, roads & contours

2018 - Structures affected by 1% flood events
Structures Affected by 1% Flood Event:

- 2018*
- 2050*

* CIRCA Data
Structures Affected by 1% Flood Event:

- 2018*
- 2050*
- 2100*  

* CIRCA Data
Structures Affected by 1% Flood Event:

- 2018*
- 2050*
- 2100*

- 2100+ * CIRCA Data
Option 1 - Improvements on Public Lands

A series of berms/landforms running between the train tracks and river. Deployable gates to close the ends of the berm system. This protects Amtrak, Water Street and buildings on eastside of Bank street from flood waters.
Option 2 - Improvements on Public/Private Lands

South Water Street is elevated 3’ and a 3’ glass wall will be added to the elevated plane. This protects South Water Street and buildings on eastside of Bank street from flood waters.
Option 3 - Improvements on Private Lands

The back of the buildings are filled by 6’. This protects buildings on eastside of Bank street from flood waters. The first floor, in some cases become basement space.
Dr. Kelly: Input from 8.16.2018 meeting
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**Option 1 - Improvements on Public Lands**
A series of barriers/landforms running between the train tracks and river. Deployable gates to close the ends of the barrier system. This protects Amtrak, Water Street and buildings on east side of Bank Street from flood waters.

Audience voting:
- 63% Like a lot
- 31% Like a little
- 6% Don’t like

**Option 2 - Improvements on Public/Private Lands**
South Water Street is elevated 3' and a 3' glass wall will be added to the elevated plate. This protects South Water Street and buildings on east side of Bank Street from flood waters.

Audience voting:
- 31% Like a lot
- 19% Like a little
- 50% Don’t like

**Option 3 - Improvements on Private Lands**
The back of the buildings are filled by 6’. This protects buildings on east side of Bank street from flood waters. The first floor, in some cases becomes basement space.

Audience voting:
- 7% Like a lot
- 33% Like a little
- 60% Don’t like
Option 2 (Revised) - Improvements on Public/Private Lands

South Water Street is elevated 3’ and a 3’ wall is added to the elevated plane. This protects South Water Street and buildings on eastside of Bank street from flood waters.

Example
2.5ft street elevation
Sunset Harbour, Miami Beach, FL
(Source: Miami Herald, 2015)

Proposed Design @ New London

Proposed Elevation @ New London
Input from 10.04.2018 meeting

**Option 1 - Improvements on Public Lands**
A series of berms/landforms running between the train tracks and river. Deployable gates to close the ends of the berms system. This protects Atriums, Water Street and buildings on eastside of Bank Street from flood waters.

**Audience voting:**
27% Like a lot
47% Like a little
27% Don’t like

**Option 2 - Improvements on Public/Private Lands**
South Water Street is elevated 3’ and a 2’ glass wall will be added to the elevated plaza. This protects South Water Street and buildings on eastside of Bank street from flood waters.

**Audience voting:**
81% Like a lot
13% Like a little
6% Don’t like

**Option 3 - Improvements on Private Lands**
The back of the buildings are filled by 6’. This protects buildings on eastside of Bank street from flood waters. The first floor, in some cases becomes basement space.

**Audience voting:**
13% Like a lot
19% Like a little
69% Don’t like