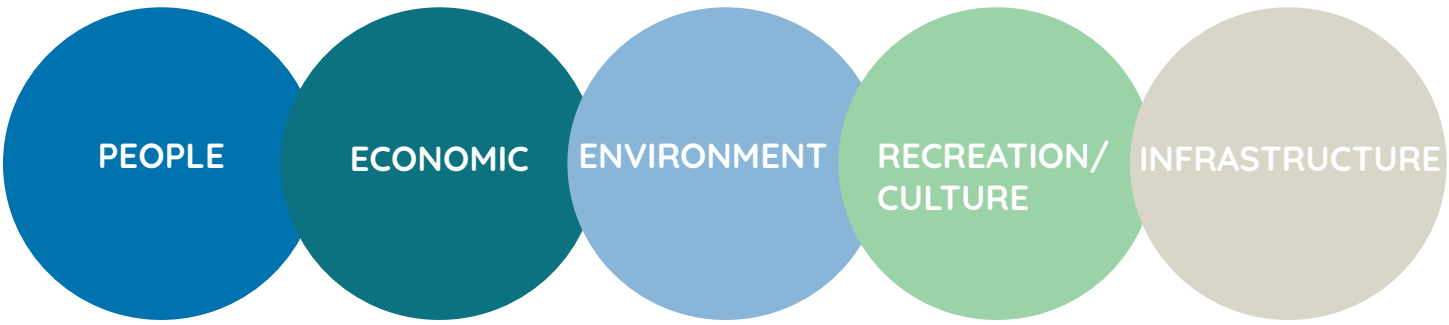
PART I: OPTIONS EVALUATION CRITERIA

Sea level rise adaptation strategies for Campbell River involve understanding the values and priorities of the community. During our second public workshop for the *Rising Seas* initiative, the City sought community feedback on what is most important when evaluating sea level rise adaption options.

People evaluated sea level rise adaptation options according to values in the categories shown below.



For example, Under *Environment,* one value was " Protects shoreline habitats and biodiversity."

Participants ranked their top 10 values criteria in order of importance.

PART I: OPTIONS EVALUATION CRITERIA

Scores were calculated for each values criterion based on the number of position of rankings they received.

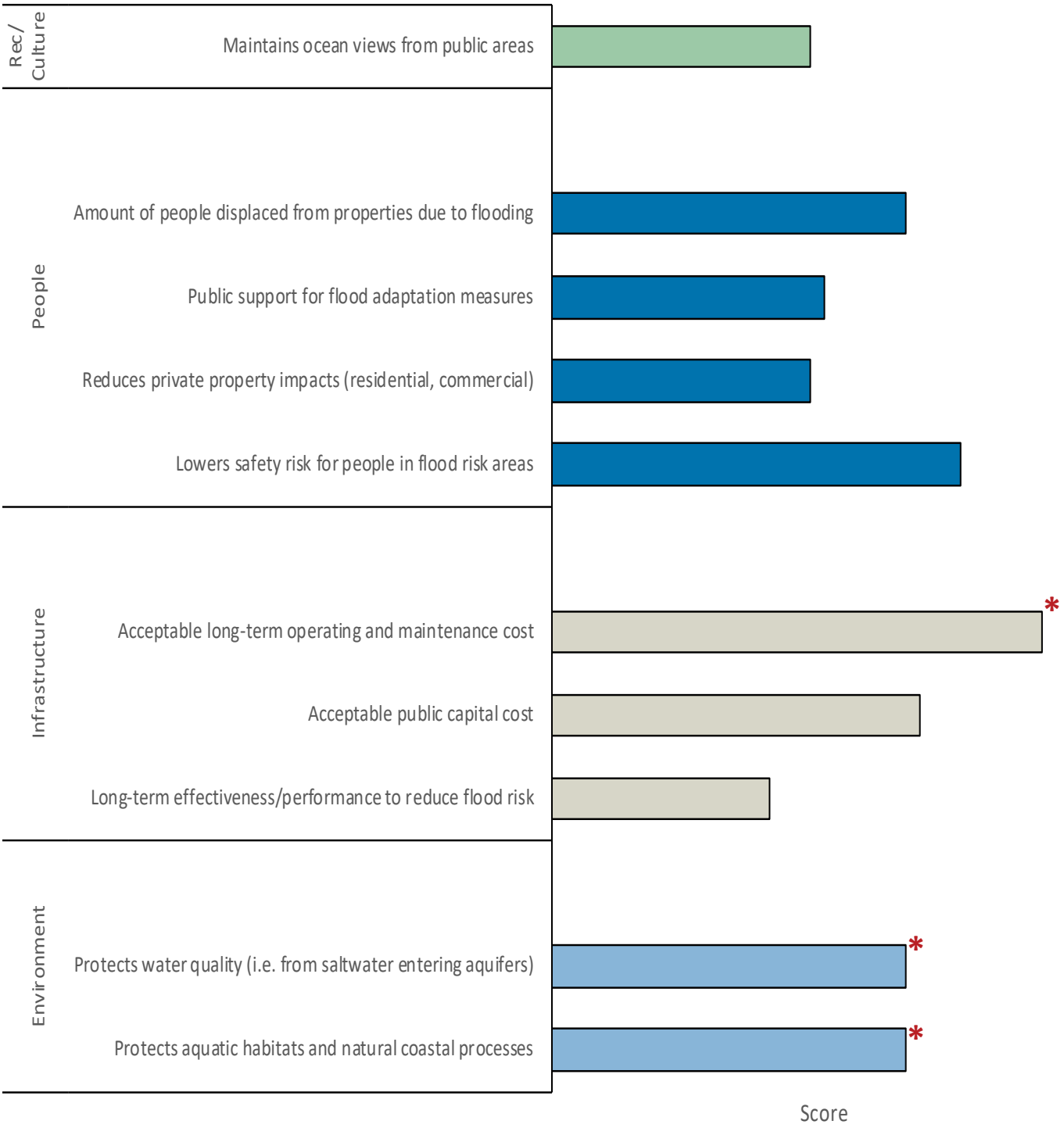


Figure 2. Top ten values criteria, divided by category. *Asterisk identities top three values criteria.

PART II: LOCAL ADAPTATION OPTIONS

Participants were presented with three conceptual adaptation options (A, B, and C) for each of the four key areas, Painter Barclay, Downtown, Sequoia Park (MHC to Evergreen), and Willow Point. The specifics can be found in Primer III on the City of Campbell River website however, general themes for the options are summarized below .

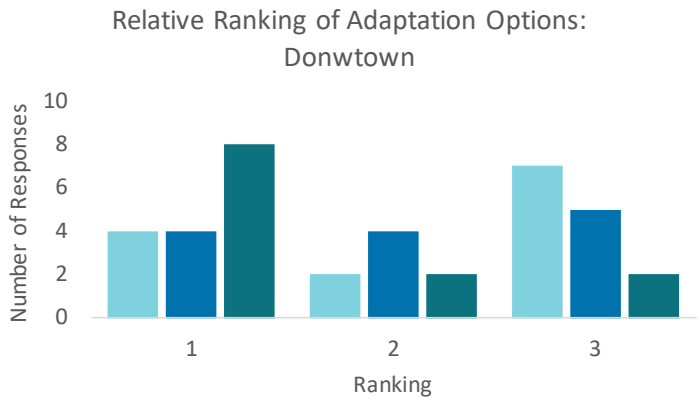
OPTION SUMMARY

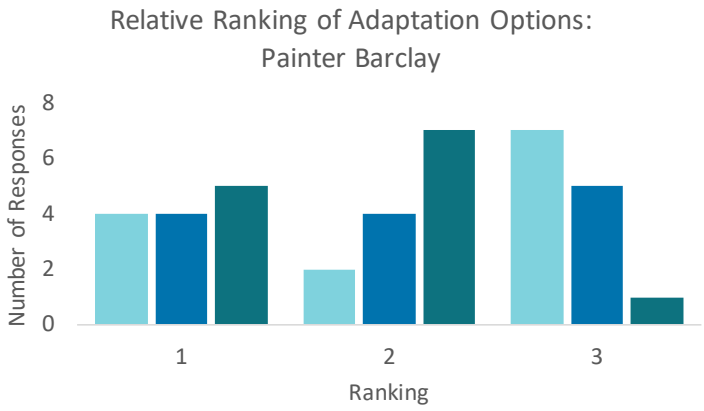
OPTION A Minimal Intervention	OPTION B Extensive Intervention	OPTION C Limited Intervention
• Parcel-Scale Adaptation • Publicly-funded adaptation only in public streets and street ends, parks and infrastructure • Private waterfront owners protect shoreline independently and raise buildings/lots at own expense during construction and reconstruction	• Neighbourhood Scale Adaptation • Publicly funded on-shore adaptation fronting private waterfront where possible and adaptation for public infrastructure • Private waterfront owners benefit from reduced costs for shoreline protection but raise buildings/ lots at own expense during construction and reconstruction	• Limited Neighbourhood Scale Priorities • Publicly funded on-shore adaptation fronting private waterfront where there is a city-wide benefit and adaptation for public infrastructure • Private waterfront owners and City share costs in proportion to benefits for neighbourhood shoreline protection where feasible. Private waterfront owners raise buildings/ lots at own expense at time of construction and reconstruction

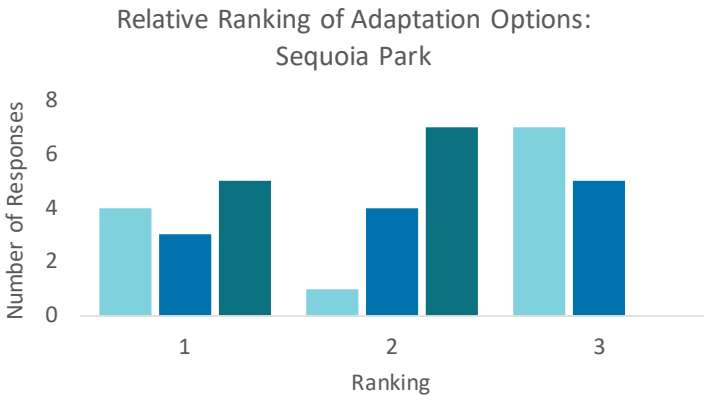
PART II: LOCAL ADAPTATION OPTIONS

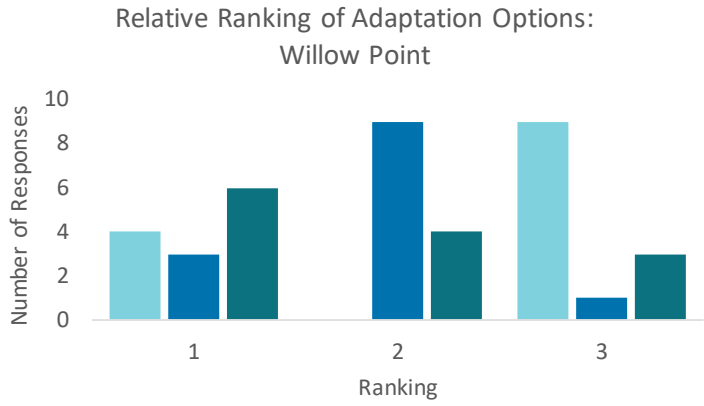
The results of the adaptation option ranking for each area are shown below. Community Members then ranked the options for each area according to how suitable they were for the area, with 1 being most suitable and 3 least suitable.

Option A: Extensive intervention **Option B: Minimal intervention** **Option C: Limited intervention**







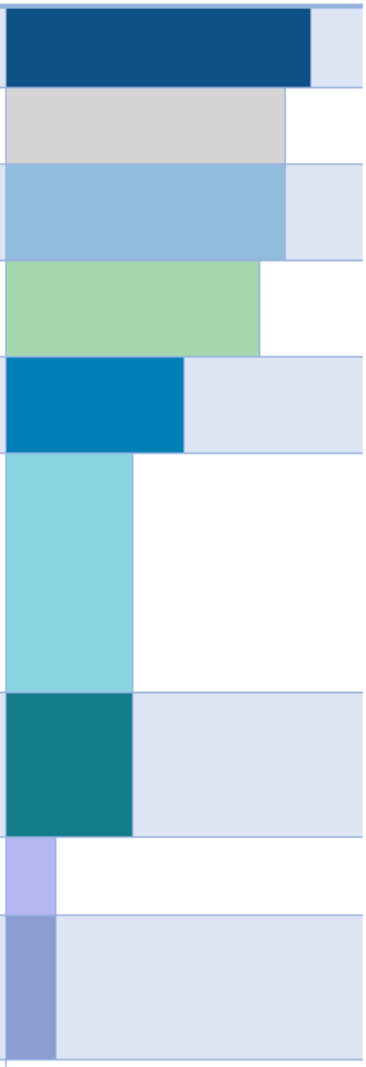


Consistently, option C, limited sea level rise intervention, received the highest number of 1st place rankings while Option A, extensive intervention, received the most 3rd place rankings suggesting, in general, participants support some publicly funded sea level rise adaptation on private property, as long as there is public benefit proportion to costs.

PART III: FUNDING CONSIDERATIONS

Finally, participants provided feedback on how various aspects of sea level rise adaptation should be financed. They were provided a list of actions that could be involved in sea level rise adaptation and instructed to select all they felt should be financed, at least in part, by the City of Campbell River. The results of this are shown below.

Choice	Percent	Count
Technical analysis and planning	85.71%	12
Public awareness and information	78.57%	11
Capital works to adapt City-owned waterfront parks properties when reconstructed	78.57%	11
Capital works to adapt City-owned streets and utilities when reconstructed	71.43%	10
Regulations that require private properties to adapt to anticipated sea level rise when reconstructed	50.00%	7
Technical support only (not capital funding) for local improvement projects that would allow neighbourhoods to pool funds for capital works on the foreshore (beach nourishment, headlands) to protect private property	35.71%	5
City funds technical support but capital investment is shared between City funds and neighbourhood landowners in proportion to public benefits.	35.71%	5
Other (please list)	14.29%	2
Capital funding for works on the foreshore (e.g. beach nourishment, headlands) to protect private property	14.29%	2
Total	100%	14



PART IV: COMMENTS & EXIT INTERVIEW

The following comments were gathered from the community conversation about sea level rise adaptation in Campbell River

ADAPTATION

-Retreat is the best longterm strategy
-Prioritize areas that already experience flooding
-Projects that provide public good should be eligible for public funding
-Collective approach makes the best use of expertise and funding
-Accessibility of waterfront is important to the identity of Campbell River
-Environmental benefits need to coexist with recreation benefits
-Favour a balanced of public and private funding

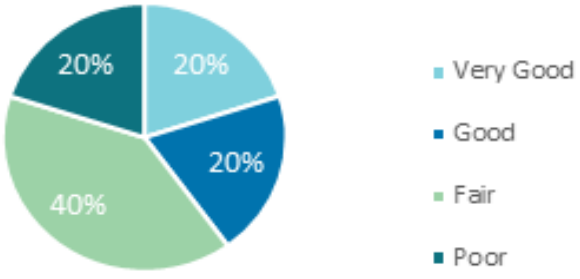
DIFFICULTIES

-Collaboration with private land owners
-Uncertainty around the nature of SLR in Campbell River
-Adaptation does not address underlying problem
-Is downtown worth large financial investment to save?

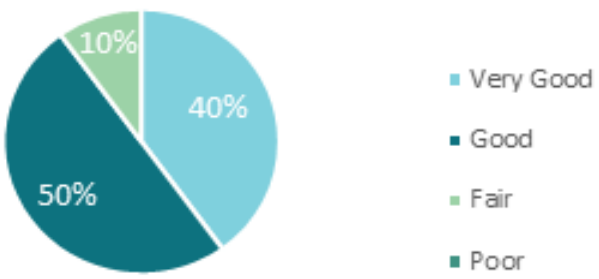
No consensus on whether private land should be protected with public finances

An Exit interview, provided to all participants, indicated the workshop effectively improved public understanding of sea level rise.

Public Understanding of SLR Prior to Workshop #2



Public Understanding of SLR After Workshop #2



FOR MORE INFORMATION

City of Campbell River Rising Seas website:

http://www.campbellriver.ca/planning-building-development/sea-level-rise/overview

Sea Level Rise Primers

Primer one: http://www.campbellriver.ca/docs/default-source/planning-building-development/slr-primer-part-1_2018_1126_lq.pdf?sfvrsn=ef866508_0

Primer two: http://www.campbellriver.ca/docs/default-source/planning-building-development/slr-primer-part-2_2018_1126_lq.pdf?sfvrsn=fe866508_0

Primer three: http://www.campbellriver.ca/docs/default-source/default-document-library/2019-03-19-slr-primer-part-3_final.pdf?sfvrsn=fbf96a08_0

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City of Campbell River