

Lopez Island Shifting Shorelines Workshop

Participants = 55

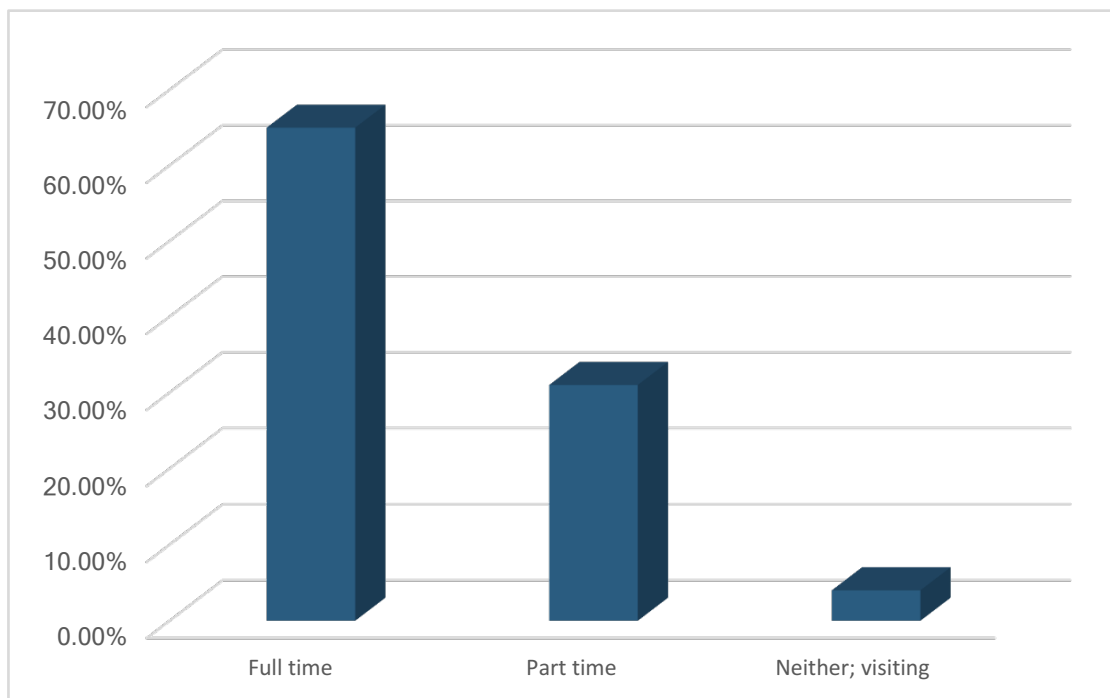
Thursday June 29

10:30 to 12:30 pm

Woodmen Hall, Lopez

1. Are you a full or part time resident of Lopez? (Multiple Choice)

Responses		
	Percent	Count
Full time	65.00%	33
Part time	31.00%	16
Neither; visiting	4.00%	2
Totals	100%	51



Friends of the San Juans

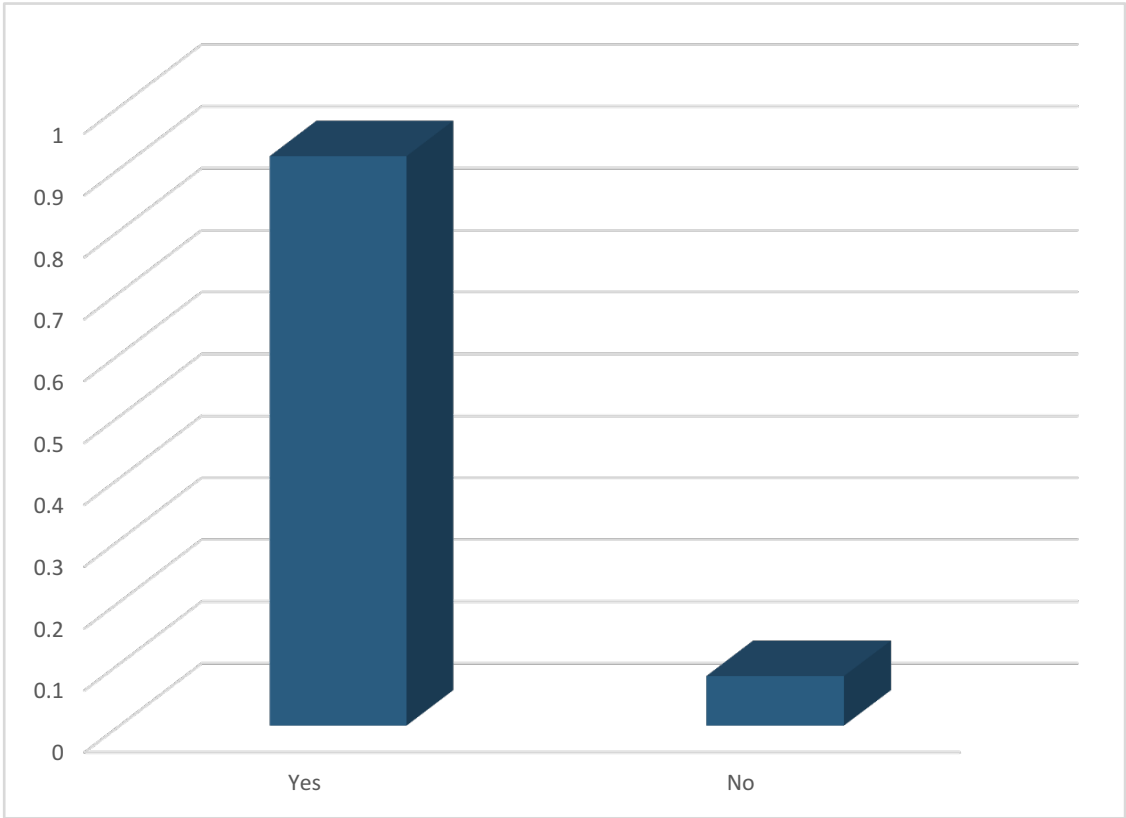
360.378.2319
www.sanjuans.org

P.O. Box 1344
Friday Harbor, WA 98250

Lopez Island Shifting Shorelines
Workshop Survey Results

2. Do you own property on Lopez? (Multiple Choice)

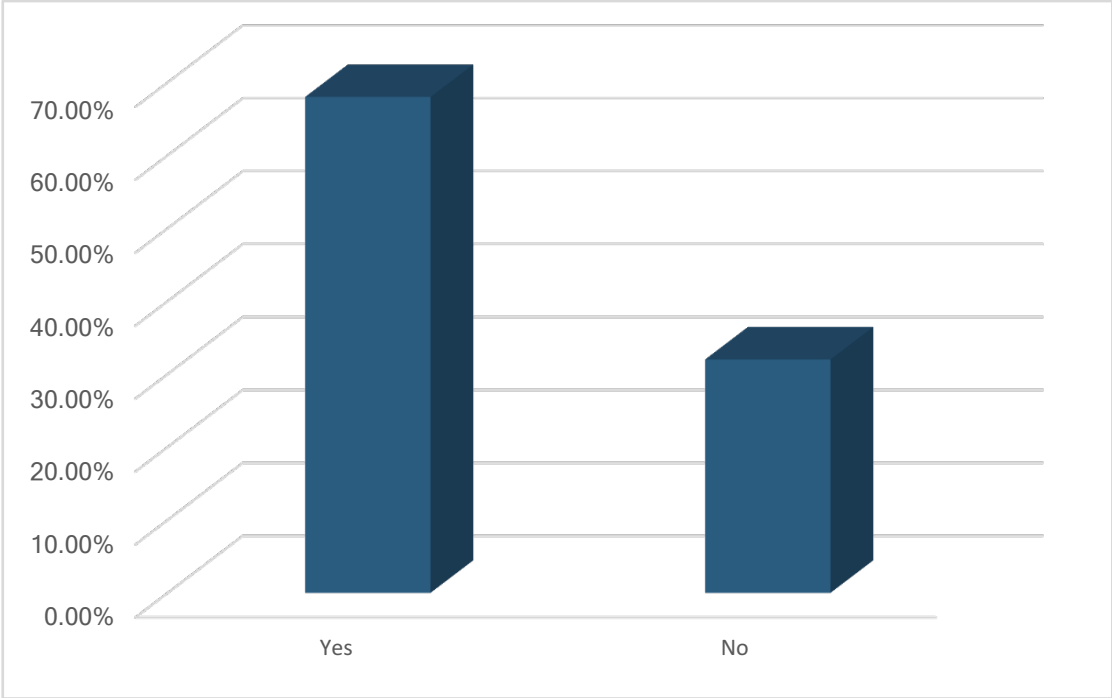
Responses		
	Percent	Count
Yes	92.00%	49
No	8.00%	4
Totals	100%	53



Lopez Island Shifting Shorelines
Workshop Survey Results

3. Do you own shoreline property on Lopez? (Multiple Choice)

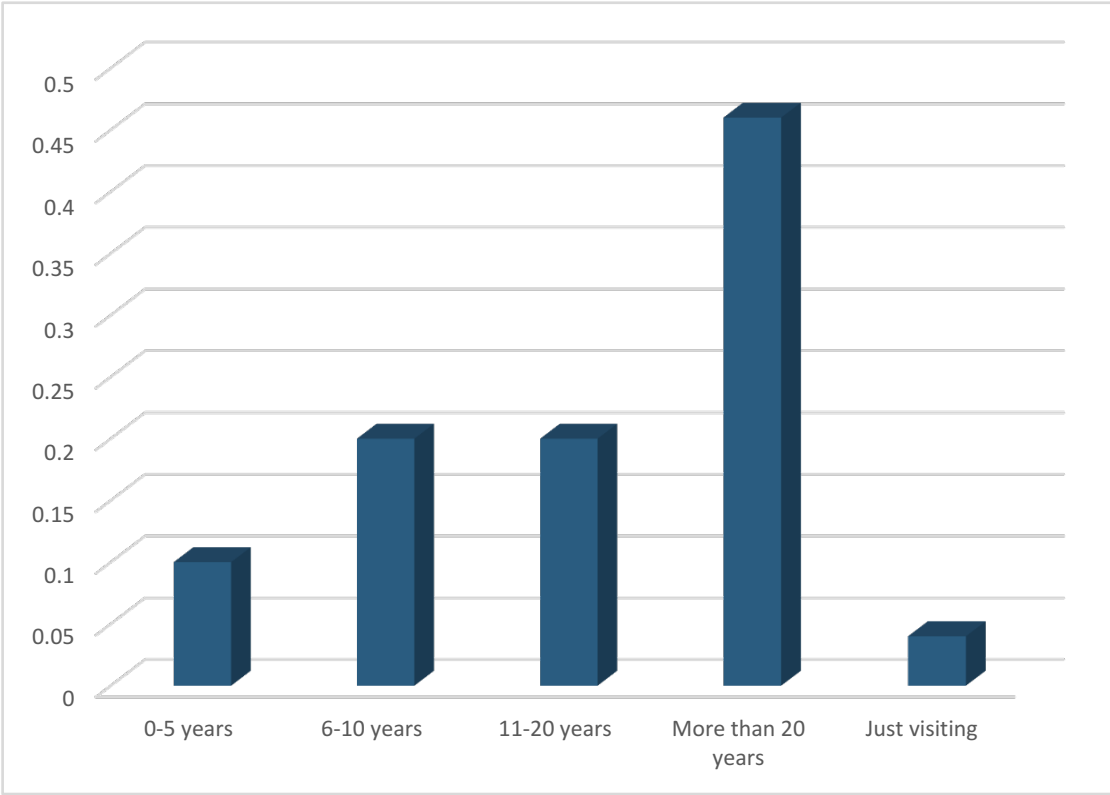
Responses		
	Percent	Count
Yes	68.00%	34
No	32.00%	16
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

4. How long have you lived on Lopez? (Multiple Choice)

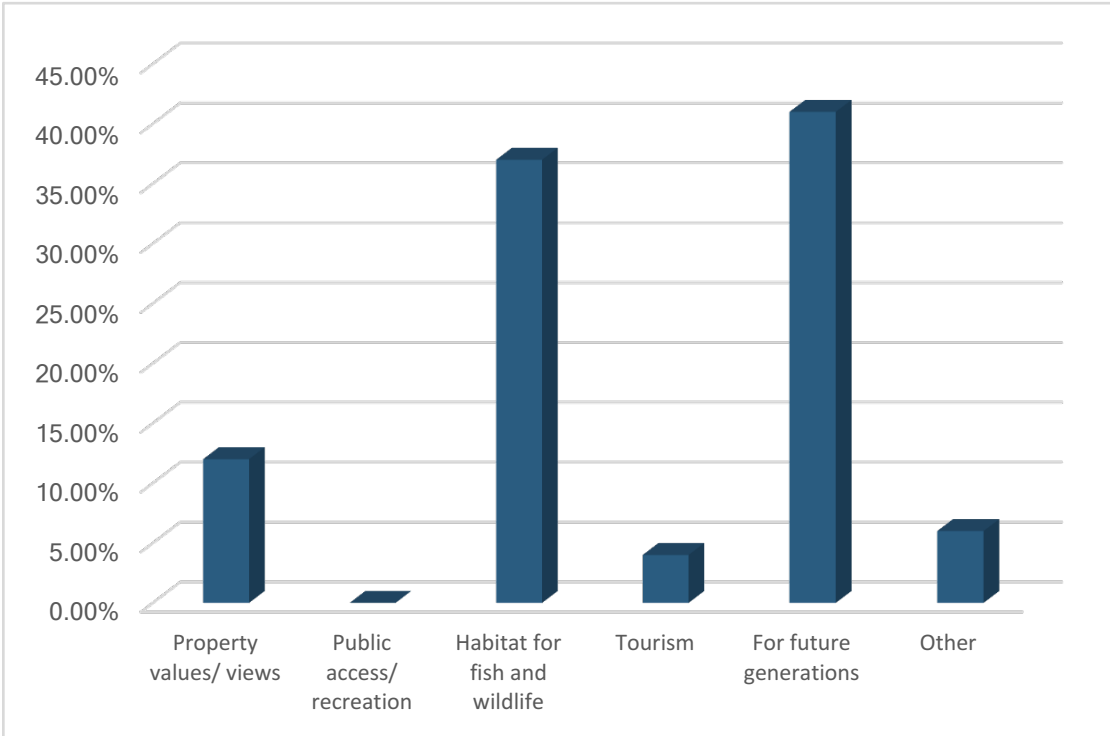
Responses		
	Percent	Count
0-5 years	10.00%	5
6-10 years	20.00%	10
11-20 years	20.00%	10
More than 20 years	46.00%	23
Just visiting	4.00%	2
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

**5. What do you think is the most important reason to protect local shorelines?
(Multiple Choice)**

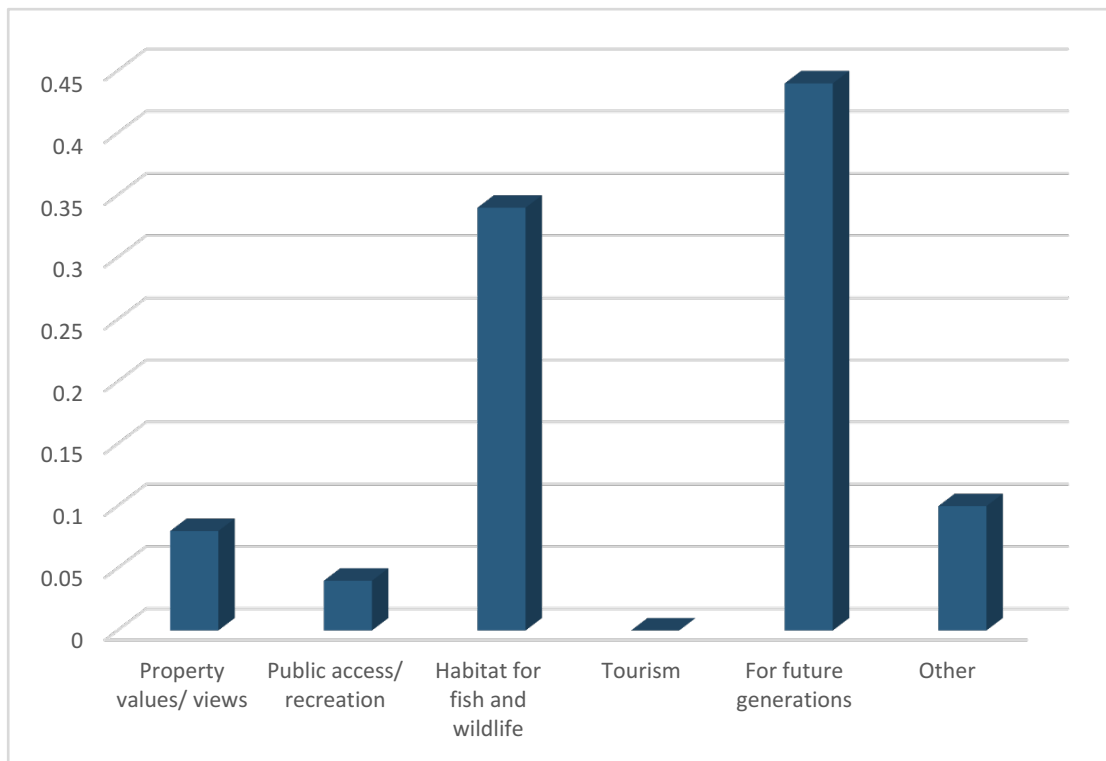
Responses		
	Percent	Count
Property values/ views	12.00%	6
Public access/ recreation	0.00%	0
Habitat for fish and wildlife	37.00%	19
Tourism	4.00%	2
For future generations	41.00%	21
Other	6.00%	3
Totals	100%	51



Lopez Island Shifting Shorelines
Workshop Survey Results

6. What do you think is the second most important reason to protect local shorelines? (Multiple Choice)

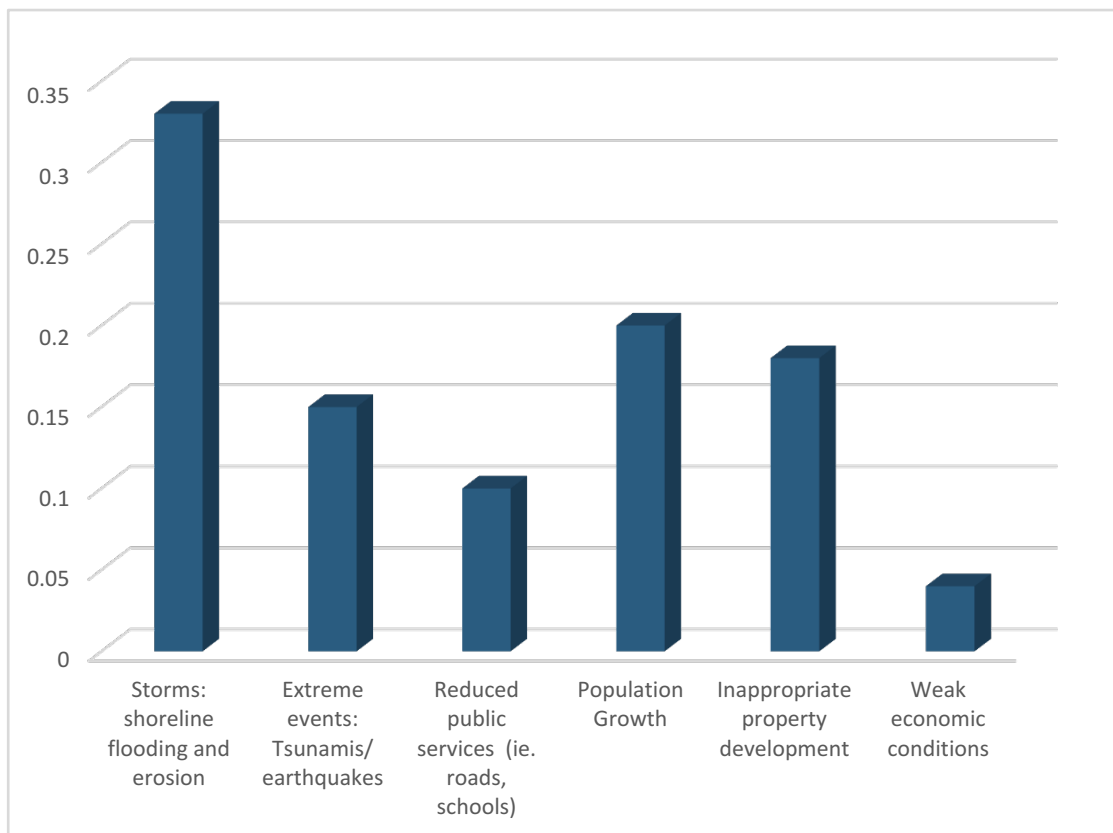
	Responses	
	Percent	Count
Property values/ views	8.00%	4
Public access/ recreation	4.00%	2
Habitat for fish and wildlife	34.00%	17
Tourism	0.00%	0
For future generations	44.00%	22
Other	10.00%	5
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

7. During the next 25 years, which potential impact on your community is most important to you? (Multiple Choice)

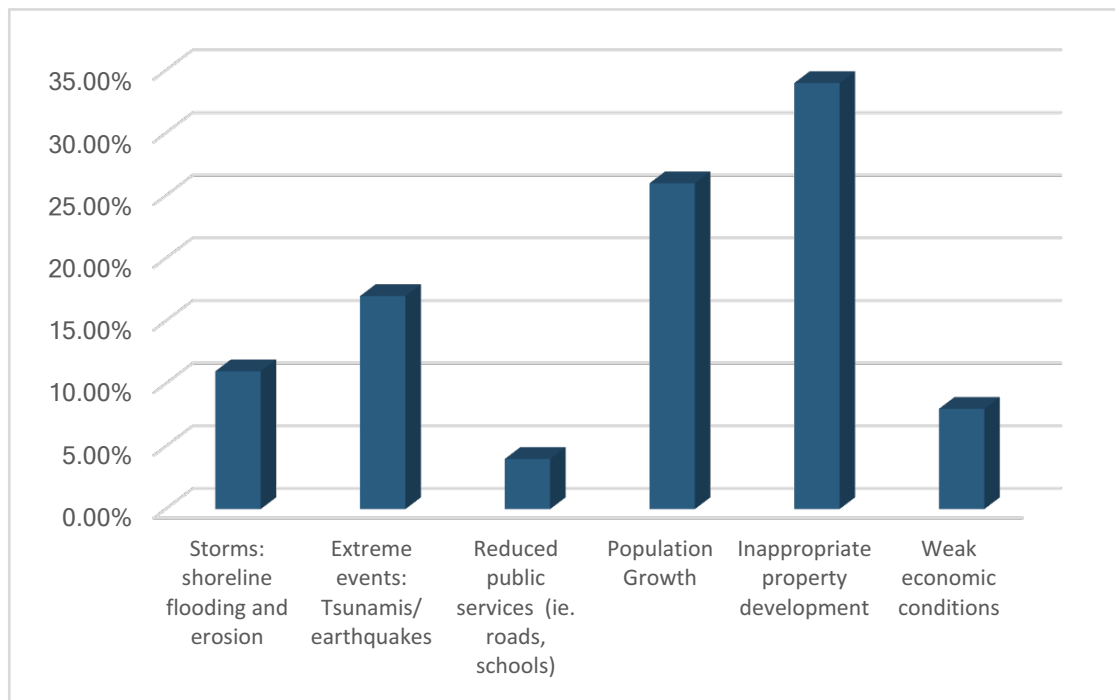
	Responses	
	Percent	Count
Storms: shoreline flooding and erosion	33.00%	16
Extreme events: Tsunamis/ earthquakes	15.00%	7
Reduced public services (ie. roads, schools)	10.00%	5
Population Growth	20.00%	10
Inappropriate property development	18.00%	9
Weak economic conditions	4.00%	2
Totals	100%	49



Lopez Island Shifting Shorelines
Workshop Survey Results

8. During the next 25 years, which potential impact on your community is second most important to you? (Multiple Choice)

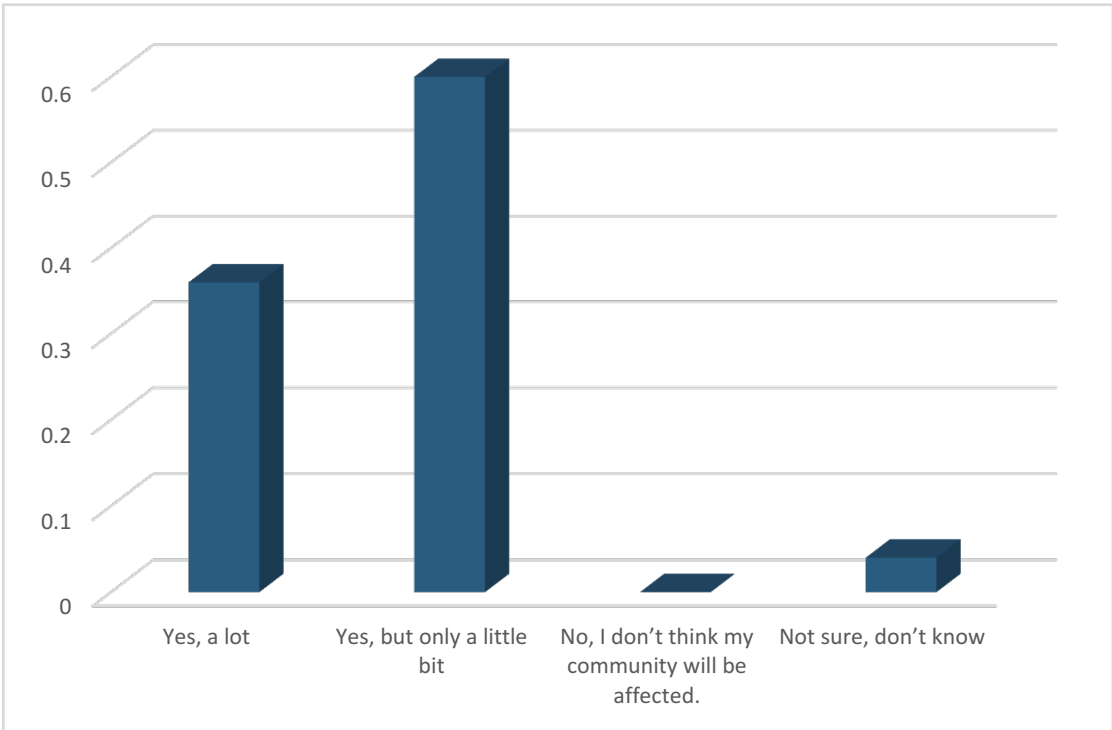
	Responses	
	Percent	Count
Storms: shoreline flooding and erosion	11.00%	6
Extreme events: Tsunamis/ earthquakes	17.00%	9
Reduced public services (ie. roads, schools)	4.00%	2
Population Growth	26.00%	14
Inappropriate property development	34.00%	18
Weak economic conditions	8.00%	4
Totals	100%	53



Lopez Island Shifting Shorelines
Workshop Survey Results

**9. In the next 50 years, do you think rising sea levels will affect your community?
(Multiple Choice)**

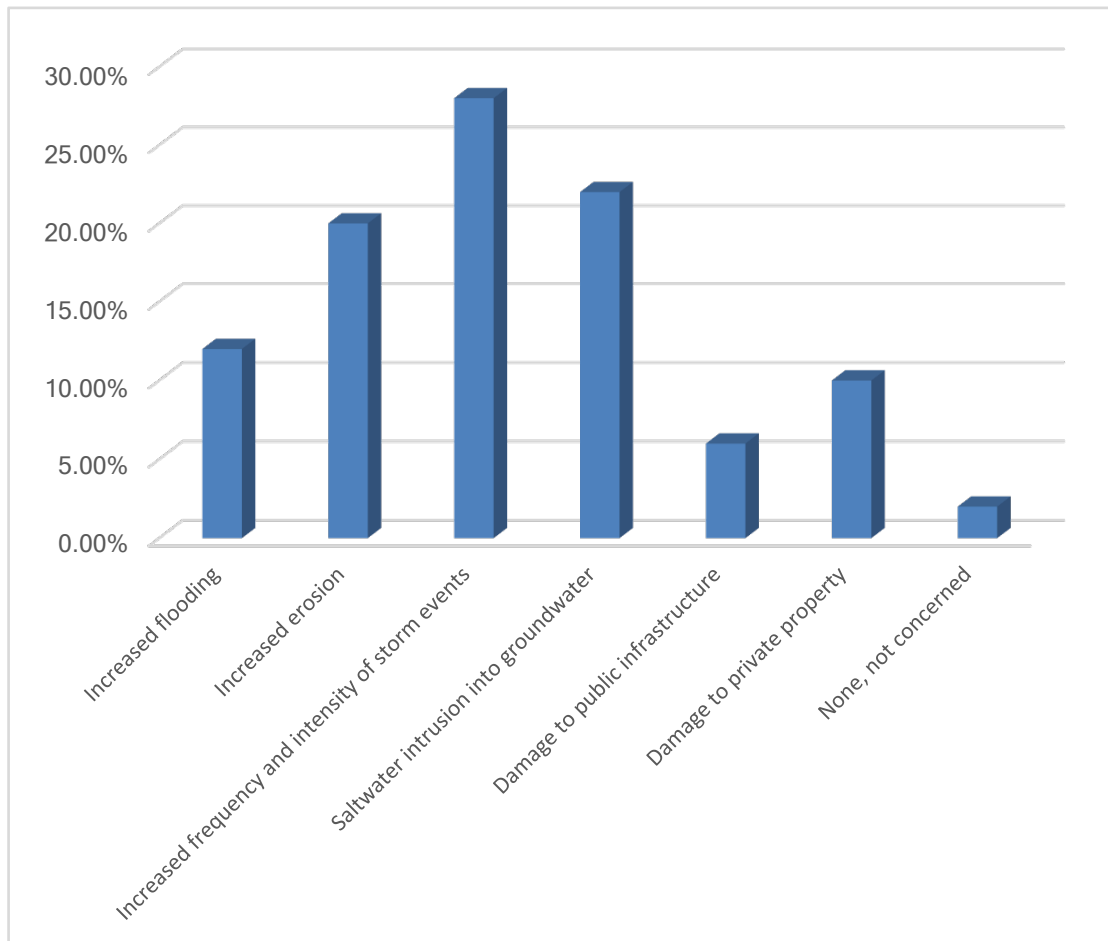
Responses		
	Percent	Count
Yes, a lot	36.00%	18
Yes, but only a little bit	60.00%	30
No, I don't think my community will be affected.	0.00%	0
Not sure, don't know	4.00%	2
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

10. What impact of sea level rise most concerns you? (Multiple Choice)

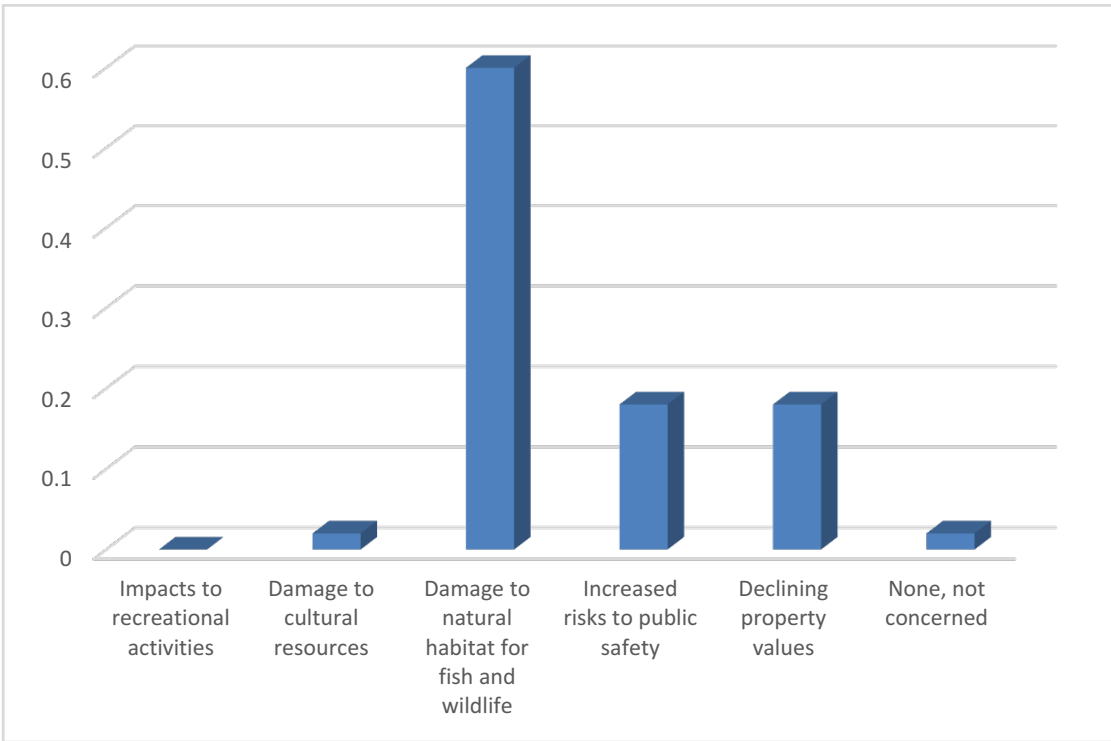
	Responses	
	Percent	Count
Increased flooding	12.00%	6
Increased erosion	20.00%	10
Increased frequency and intensity of storm events	28.00%	14
Saltwater intrusion into groundwater	22.00%	11
Damage to public infrastructure	6.00%	3
Damage to private property	10.00%	5
None, not concerned	2.00%	1
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

11. What additional impact of sea level rise most concerns you? (Multiple Choice)

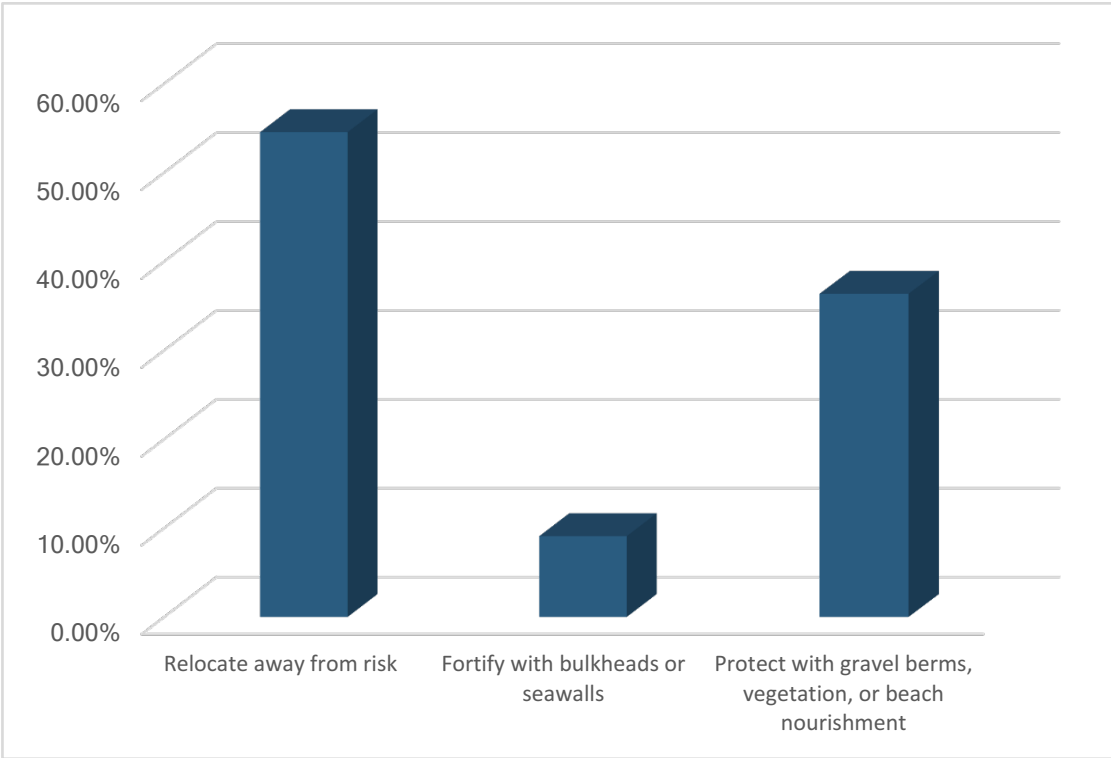
	Responses	
	Percent	Count
Impacts to recreational activities	0.00%	0
Damage to cultural resources	2.00%	1
Damage to natural habitat for fish and wildlife	60.00%	30
Increased risks to public safety	18.00%	9
Declining property values	18.00%	9
None, not concerned	2.00%	1
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

12. What approach to protecting public infrastructure from storms, flooding, and erosion makes the most sense to you? (Multiple Choice)

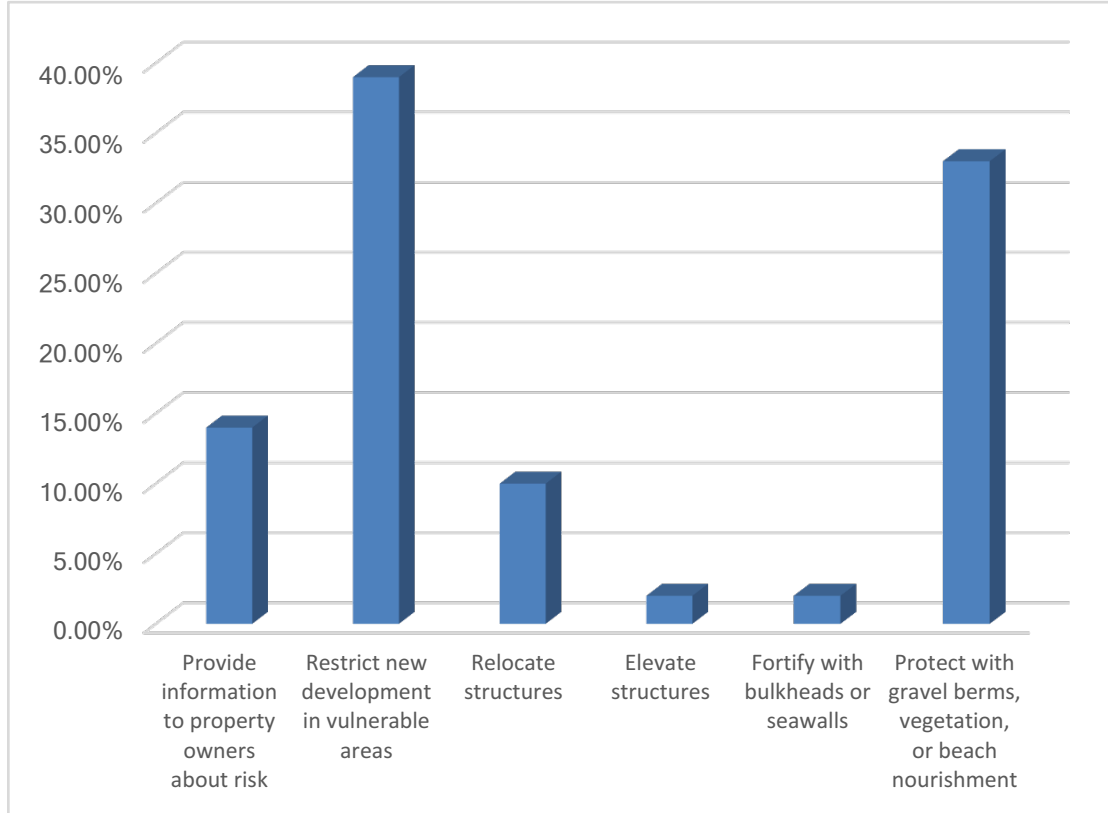
	Responses	
	Percent	Count
Relocate away from risk	60.00%	30
Fortify with bulkheads or seawalls	4.00%	2
Protect with gravel berms, vegetation, or beach nourishment	36.00%	18
Totals	100%	50



Lopez Island Shifting Shorelines
Workshop Survey Results

13. What approach to protecting private property from storms, flooding, and erosion makes the most sense to you? (Multiple Choice)

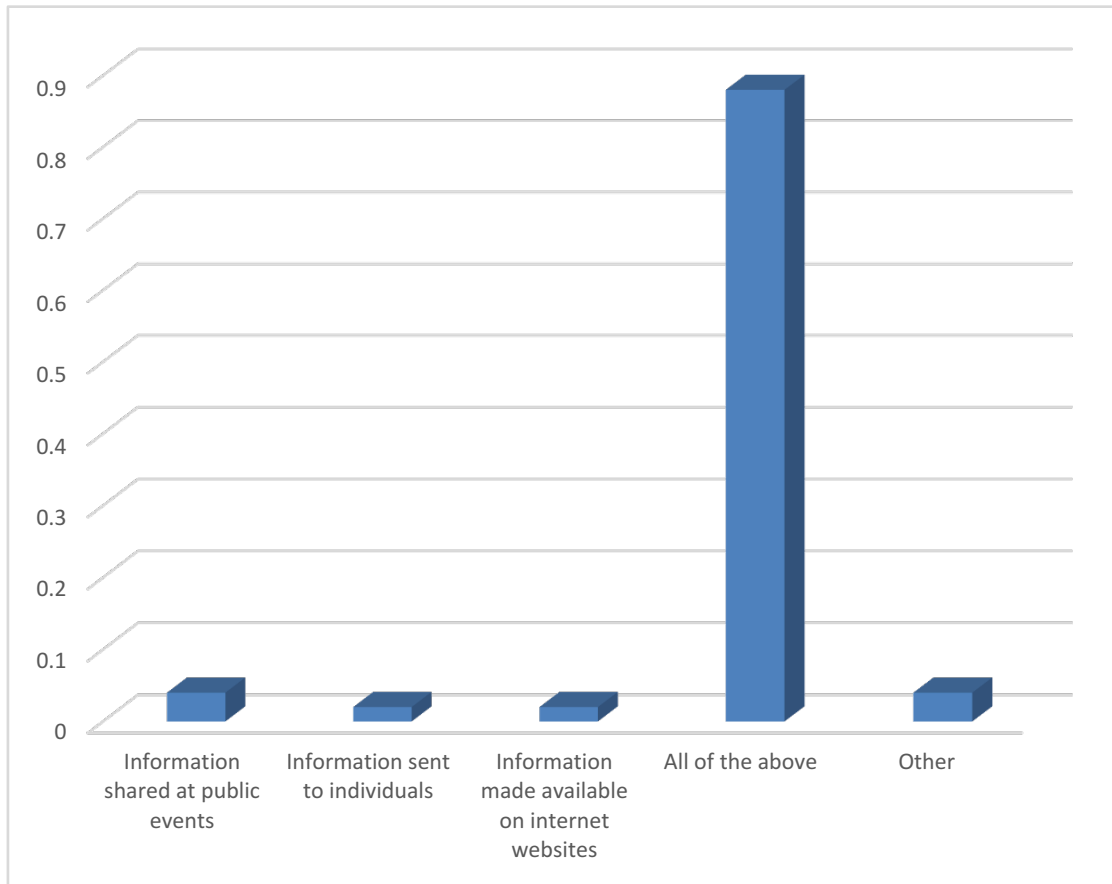
	Responses	
	Percent	Count
Provide information to property owners about risk	14.00%	7
Restrict new development in vulnerable areas	39.00%	20
Relocate structures	10.00%	5
Elevate structures	2.00%	1
Fortify with bulkheads or seawalls	2.00%	1
Protect with gravel berms, vegetation, or beach nourishment	33.00%	17
Totals	100%	51



Lopez Island Shifting Shorelines
Workshop Survey Results

14. What do you think is the most effective way to communicate shoreline hazard information? (Multiple Choice)

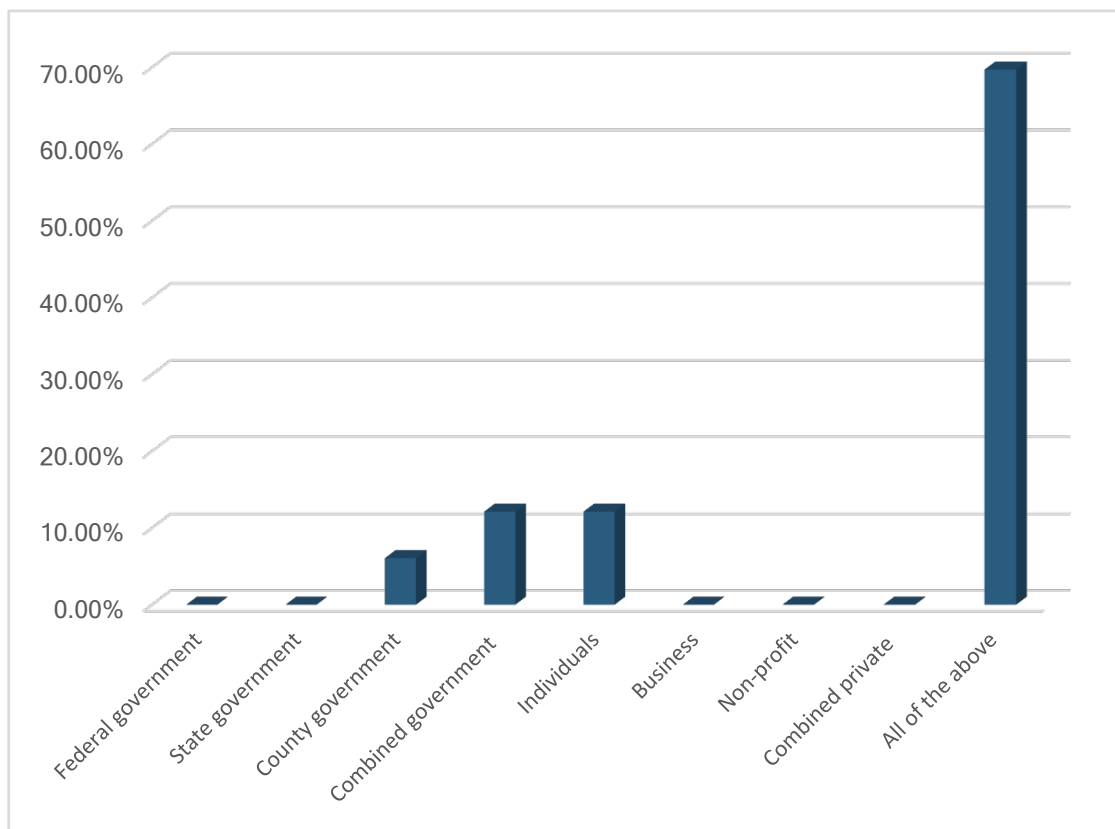
	Responses	
	Percent	Count
Information shared at public events	4.00%	2
Information sent to individuals	2.00%	1
Information made available on internet websites	2.00%	1
All of the above	88.00%	43
Other	4.00%	2
Totals	100%	49



Lopez Island Shifting Shorelines
Workshop Survey Results

15. Who do you think has the responsibility for planning and adapting to the impacts of sea level rise in your community? (Multiple Choice)

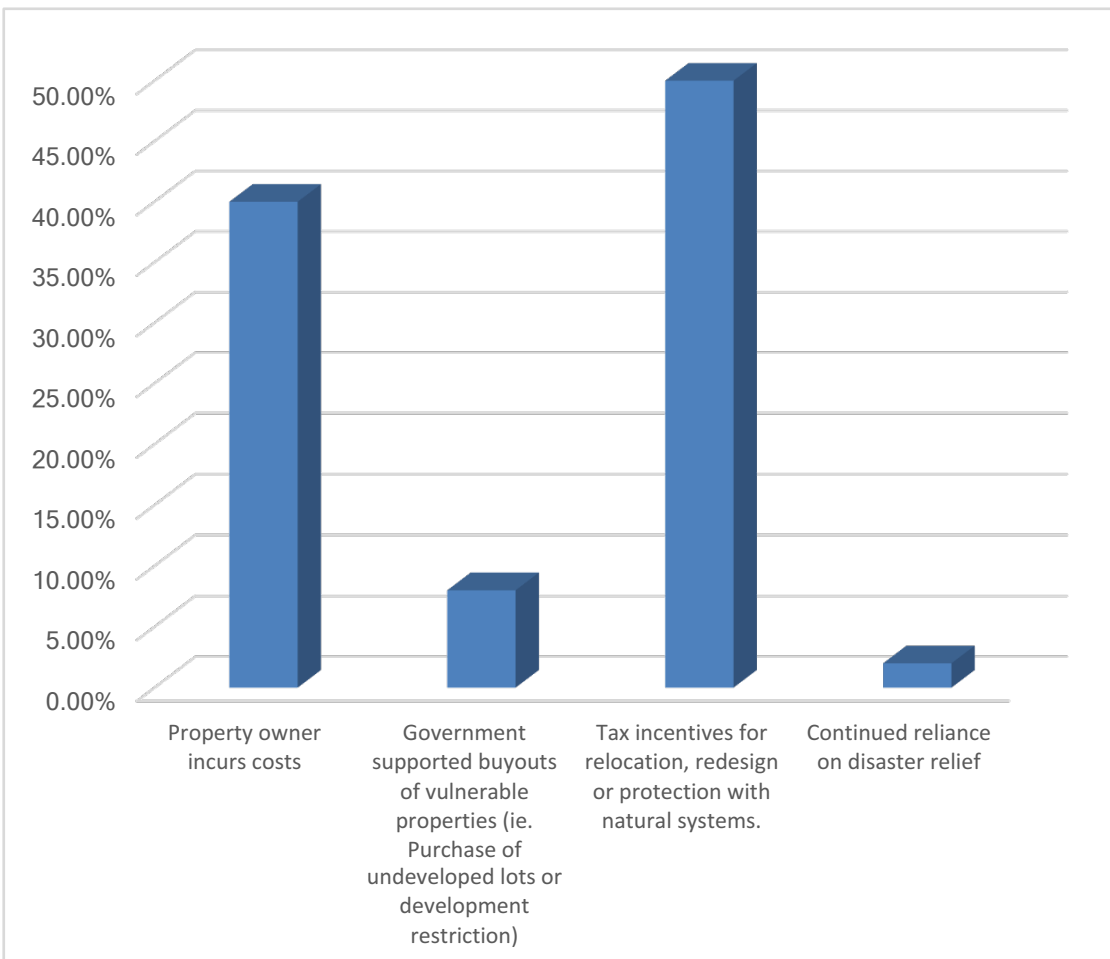
Responses		
	Percent	Count
Federal government	0.00%	0
State government	2.00%	1
County government	12.00%	6
Combined government	8.00%	4
Individuals	2.00%	1
Business	0.00%	0
Non-profit	0.00%	0
Combined private	0.00%	0
All of the above	76.00%	37
Totals	100%	49



Lopez Island Shifting Shorelines
Workshop Survey Results

16. Who should pay for the protection of private development from storms, flooding and erosion? (Multiple Choice)

	Responses	
	Percent	Count
Property owner incurs costs	40.00%	20
Government supported buyouts of vulnerable properties (ie. Purchase of undeveloped lots or development restriction)	8.00%	4
Tax incentives for relocation, redesign or protection with natural systems.	50.00%	25
Continued reliance on disaster relief	2.00%	1
Totals	100%	50



17. What is the most important factor to consider when managing public infrastructure in the face of sea level rise? (Multiple Choice)

	Responses	
	Percent	Count
Costs the least to taxpayers	6.00%	3
Provides the most permanent and long term solution	79.00%	37
Provides the most habitat benefit	15.00%	7
Provides the most recreational/ public access benefit	0.00%	0
Totals	100%	47

