

Orcas Island Shifting Shorelines Workshop

Participants = 38

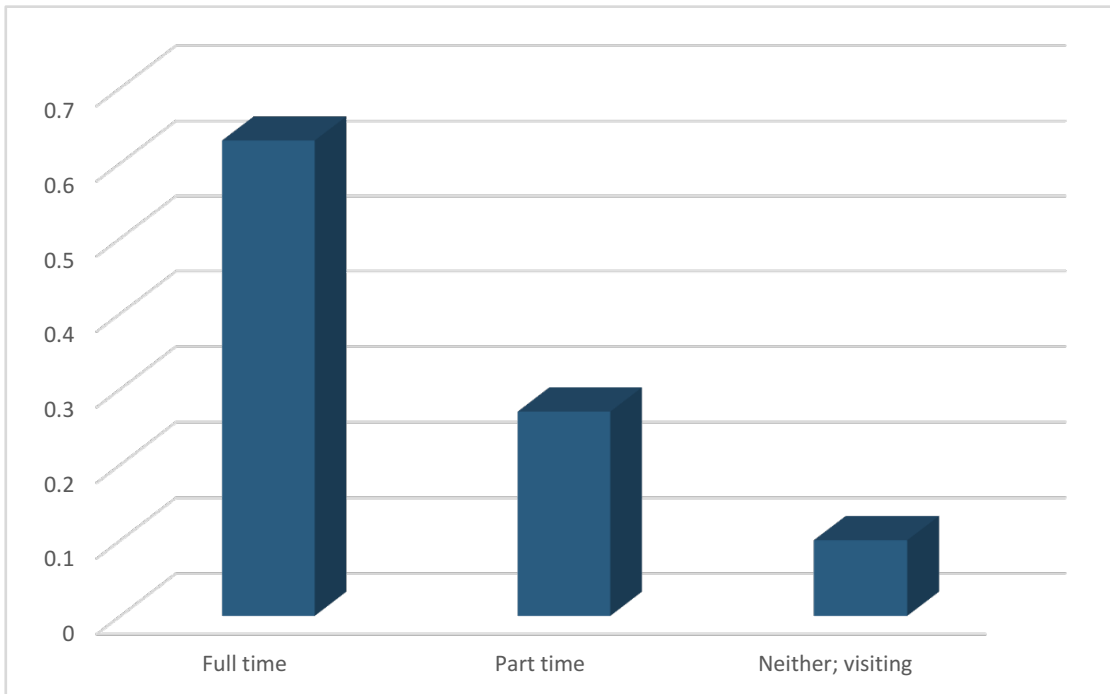
Thursday June 29

5:00 to 7:00 pm

Eastsound Fire Hall

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

Responses		
	Percent	Count
Full time	63.00%	19
Part time	27.00%	8
Neither; visiting	10.00%	3
Totals	100%	30



Friends *of the* **San Juans**

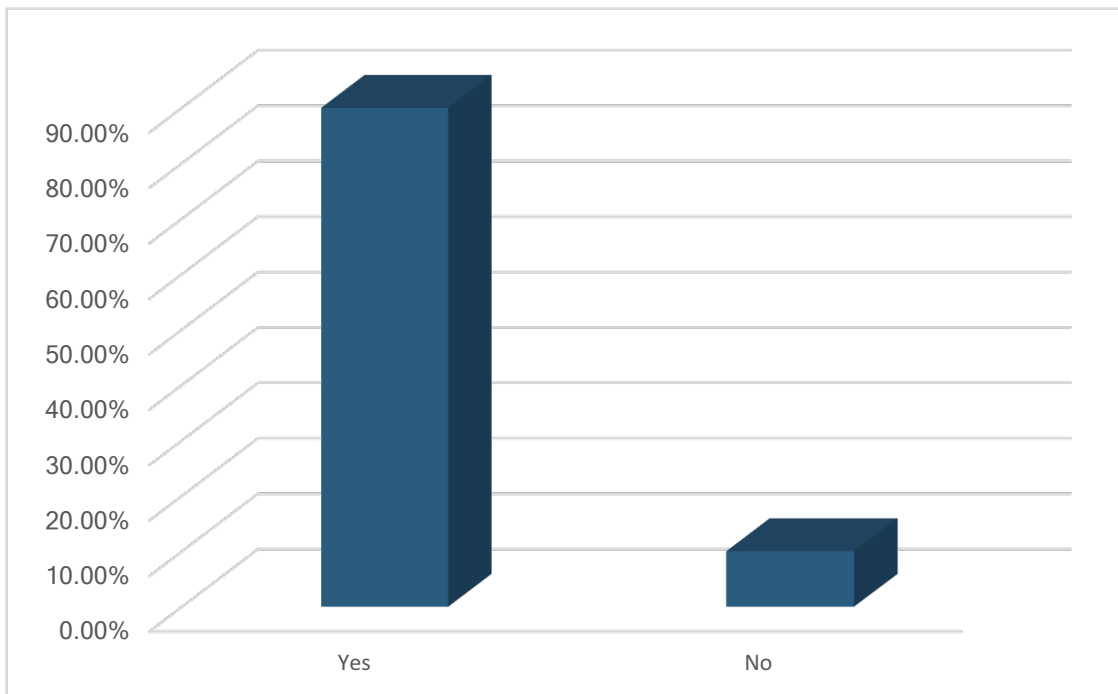
360.378.2319
www.sanjuans.org

P.O. Box 1344
Friday Harbor, WA 98250

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Workshop Survey Results

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

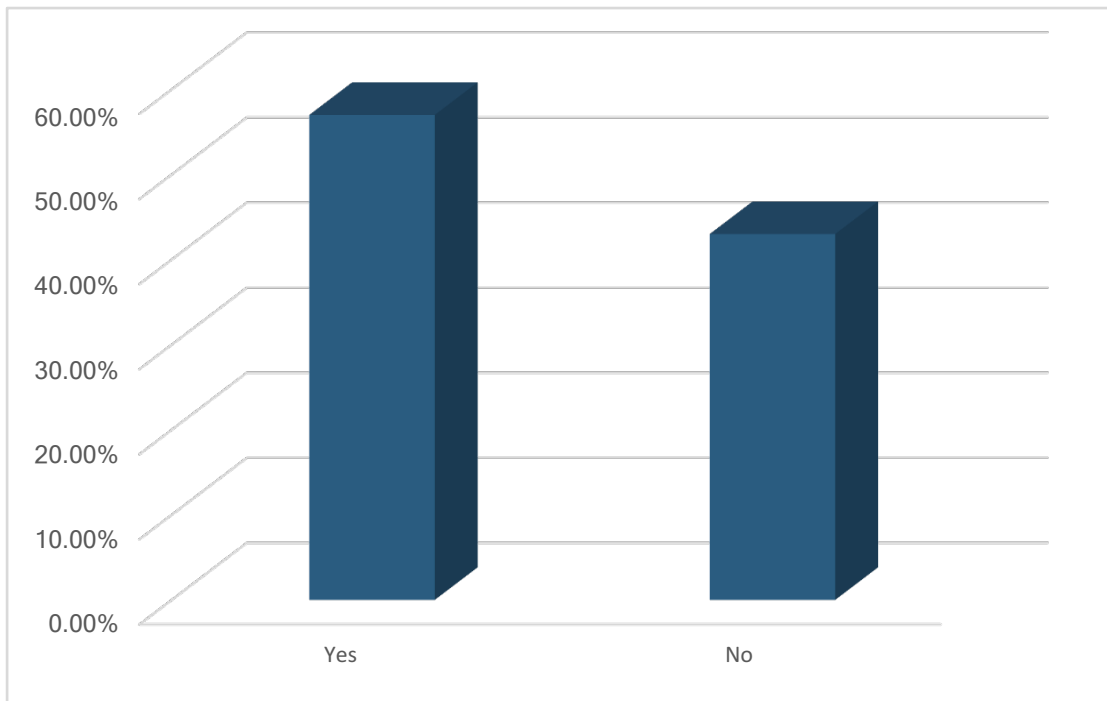
Responses		
	Percent	Count
Yes	90.00%	27
No	10.00%	3
Totals	100%	30



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

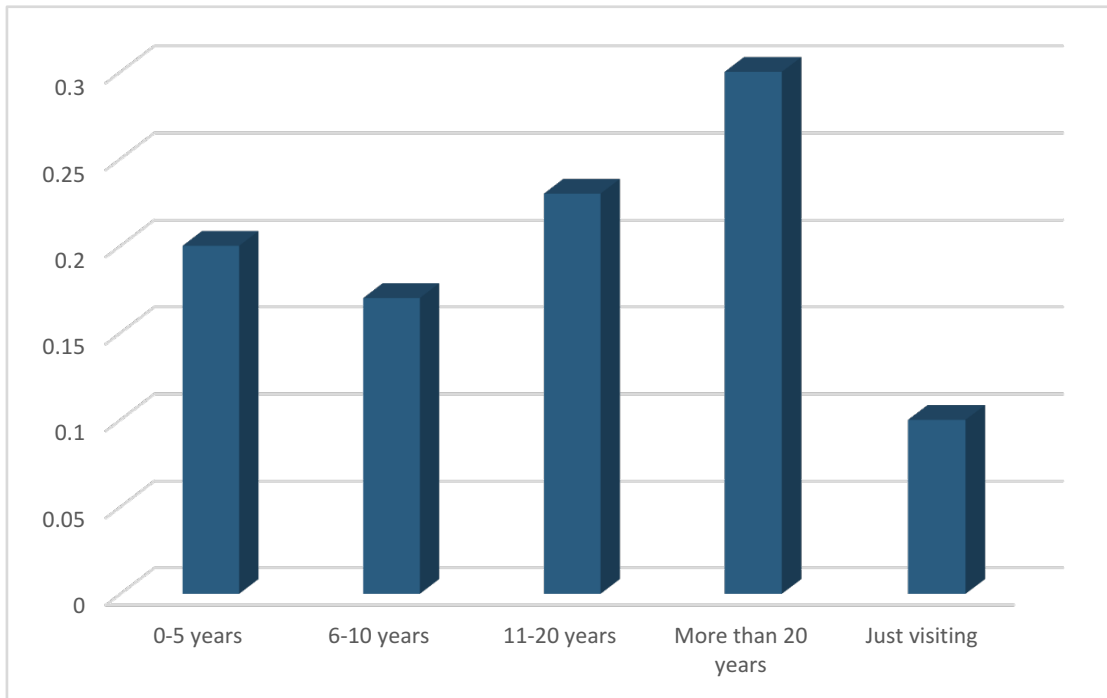
Responses		
	Percent	Count
Yes	57.00%	17
No	43.00%	13
Totals	100%	30



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

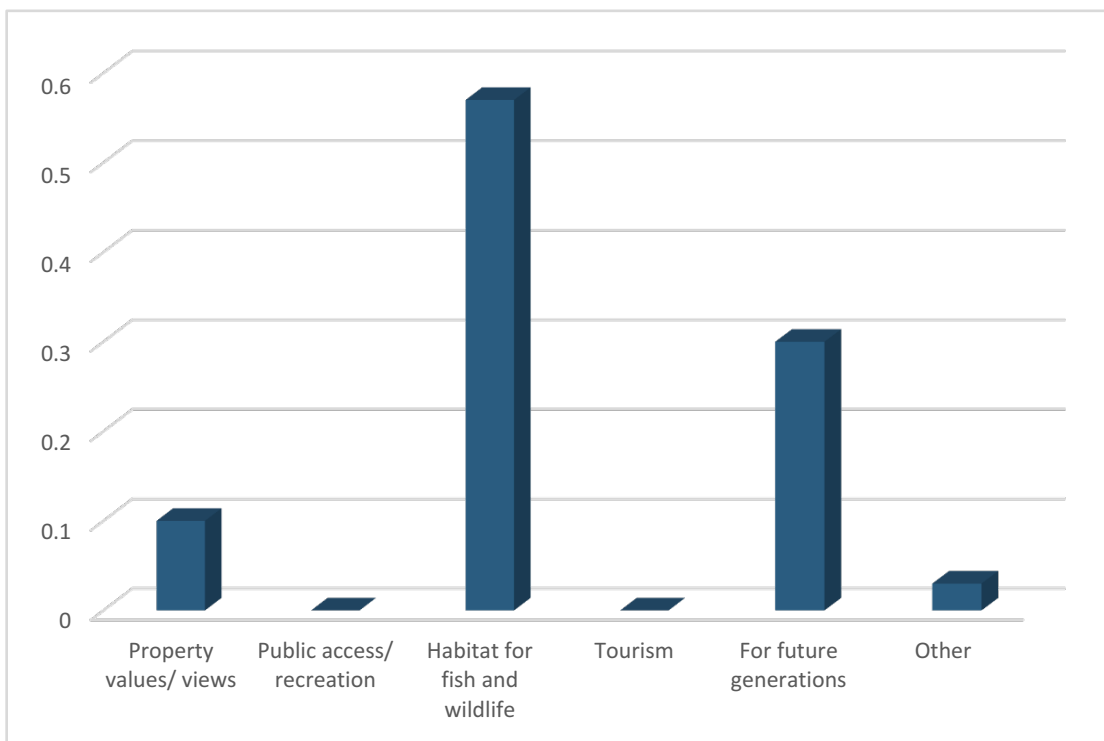
Responses		
	Percent	Count
0-5 years	20.00%	6
6-10 years	17.00%	5
11-20 years	23.00%	7
More than 20 years	30.00%	9
Just visiting	10.00%	3
Totals	100%	30



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

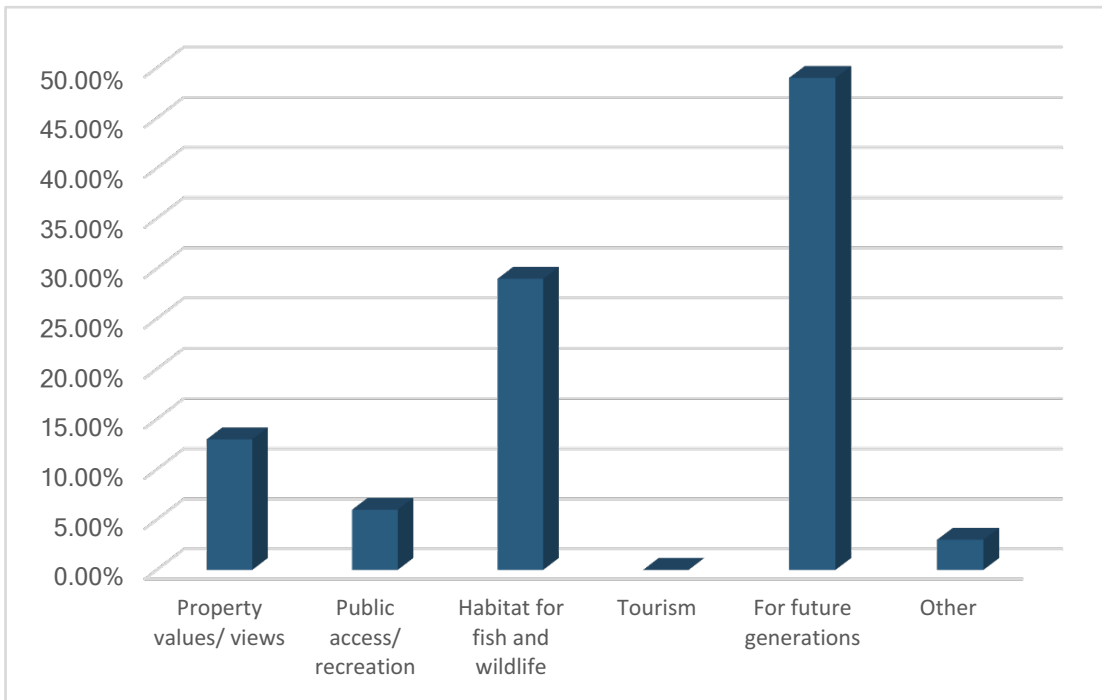
Responses		
	Percent	Count
Property values/ views	10.00%	3
Public access/ recreation	0.00%	0
Habitat for fish and wildlife	57.00%	17
Tourism	0.00%	0
For future generations	30.00%	9
Other	3.00%	1
Totals	100%	30



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

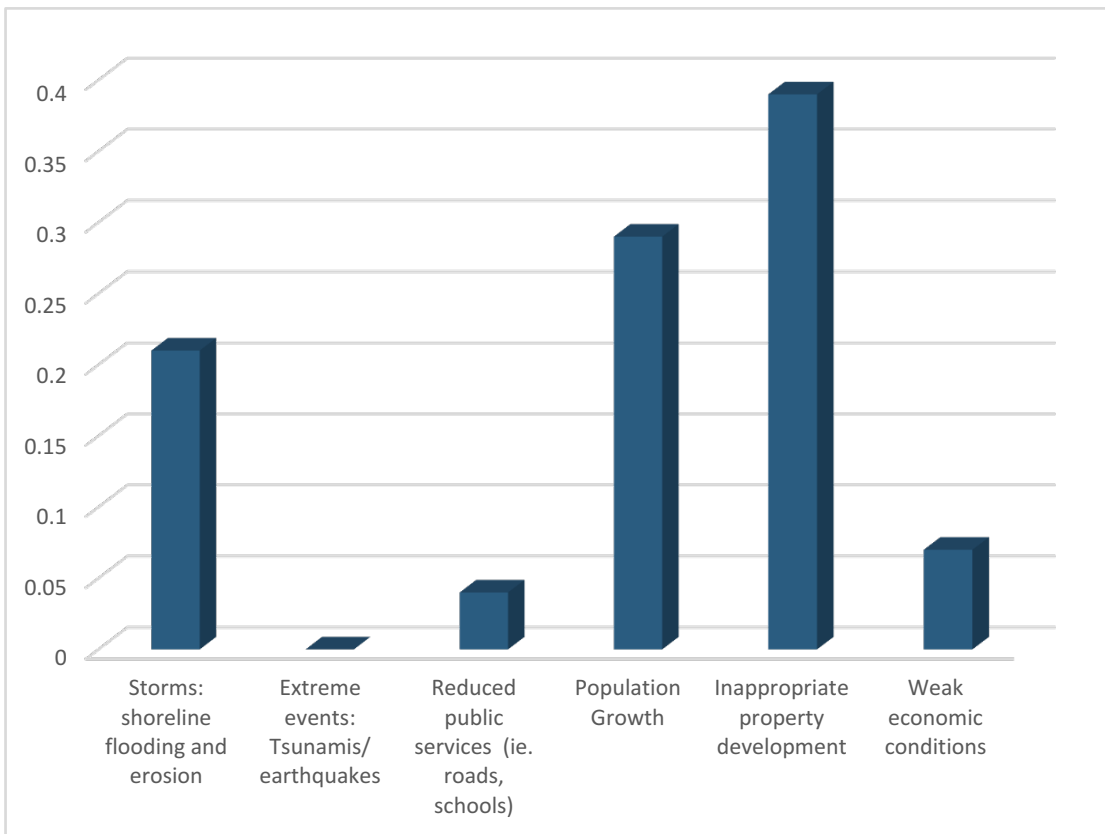
Responses		
	Percent	Count
Property values/ views	13.00%	4
Public access/ recreation	6.00%	2
Habitat for fish and wildlife	29.00%	9
Tourism	0.00%	0
For future generations	49.00%	15
Other	3.00%	1
Totals	100%	31



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

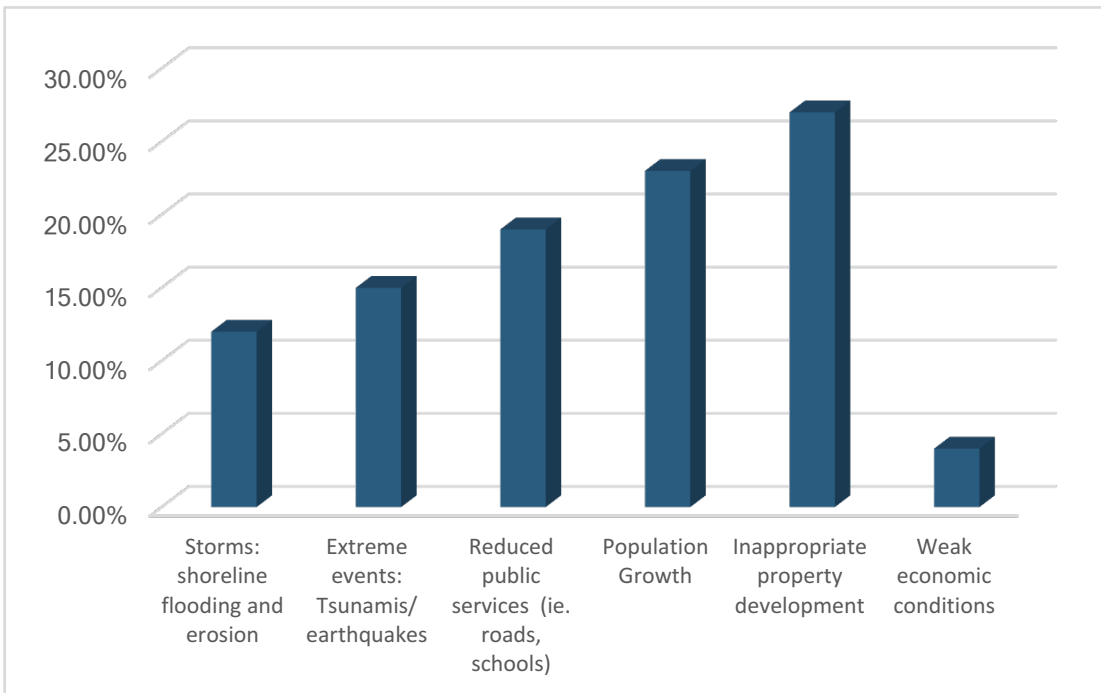
	Responses	
	Percent	Count
Storms: shoreline flooding and erosion	21.00%	6
Extreme events: Tsunamis/ earthquakes	0.00%	0
Reduced public services (ie. roads, schools)	4.00%	1
Population Growth	29.00%	8
Inappropriate property development	39.00%	11
Weak economic conditions	7.00%	2
Totals	100%	28



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

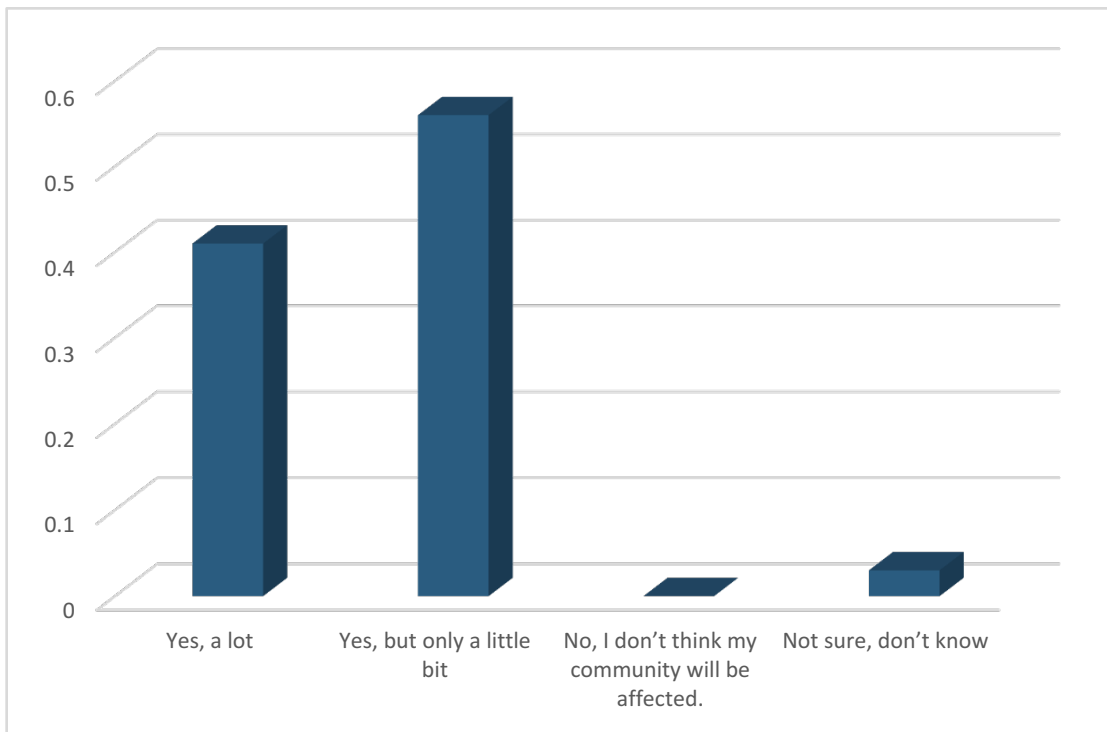
	Responses	
	Percent	Count
Storms: shoreline flooding and erosion	12.00%	3
Extreme events: Tsunamis/ earthquakes	15.00%	4
Reduced public services (ie. roads, schools)	19.00%	5
Population Growth	23.00%	6
Inappropriate property development	27.00%	7
Weak economic conditions	4.00%	1
Totals	100%	26



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

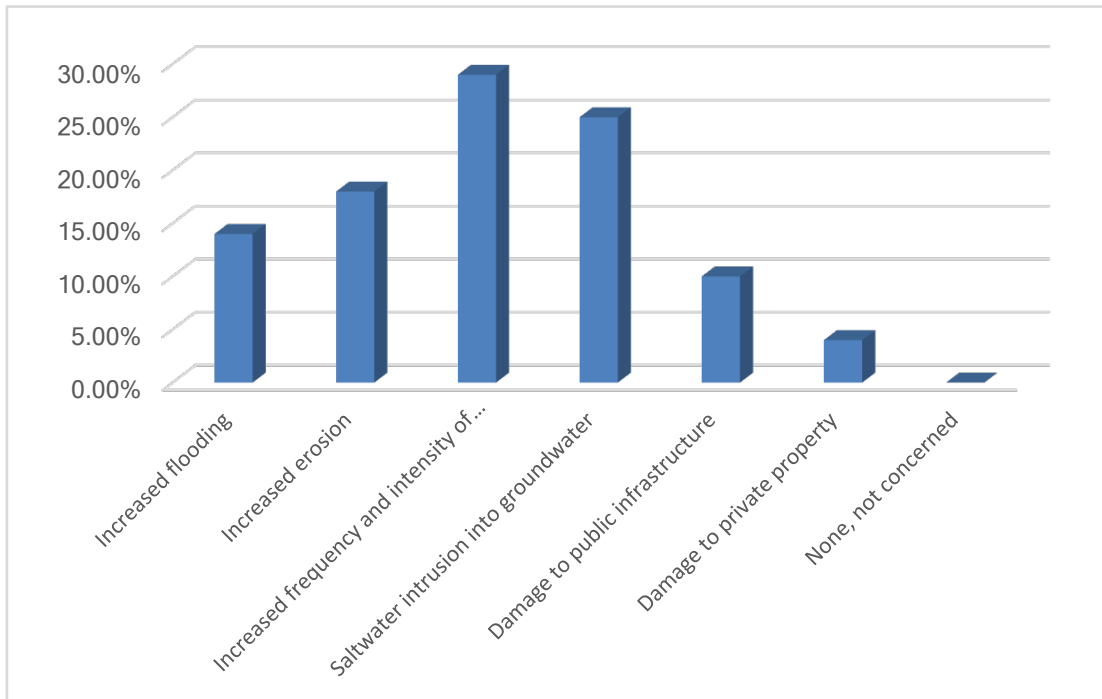
Responses		
	Percent	Count
Yes, a lot	41.00%	11
Yes, but only a little bit	56.00%	15
No, I don't think my community will be affected.	0.00%	0
Not sure, don't know	3.00%	1
Totals	100%	27



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

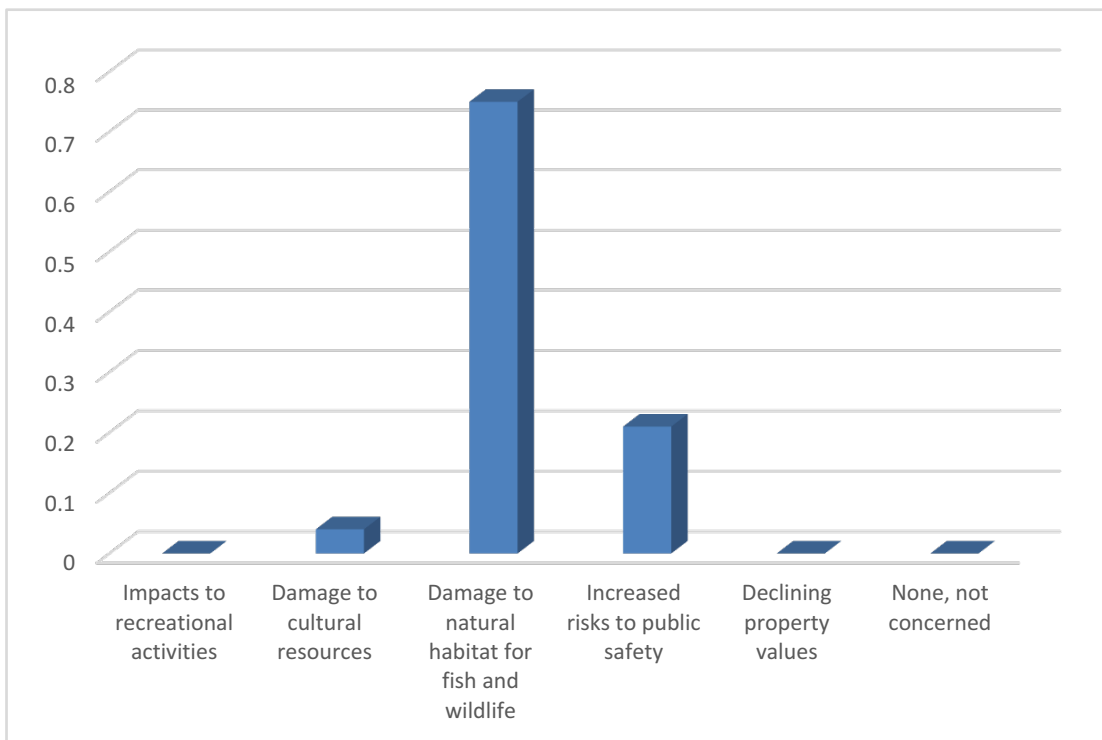
Responses		
	Percent	Count
Increased flooding	14.00%	4
Increased erosion	18.00%	5
Increased frequency and intensity of storm events	29.00%	8
Saltwater intrusion into groundwater	25.00%	7
Damage to public infrastructure	10.00%	3
Damage to private property	4.00%	1
None, not concerned	0.00%	0
Totals	100%	28



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

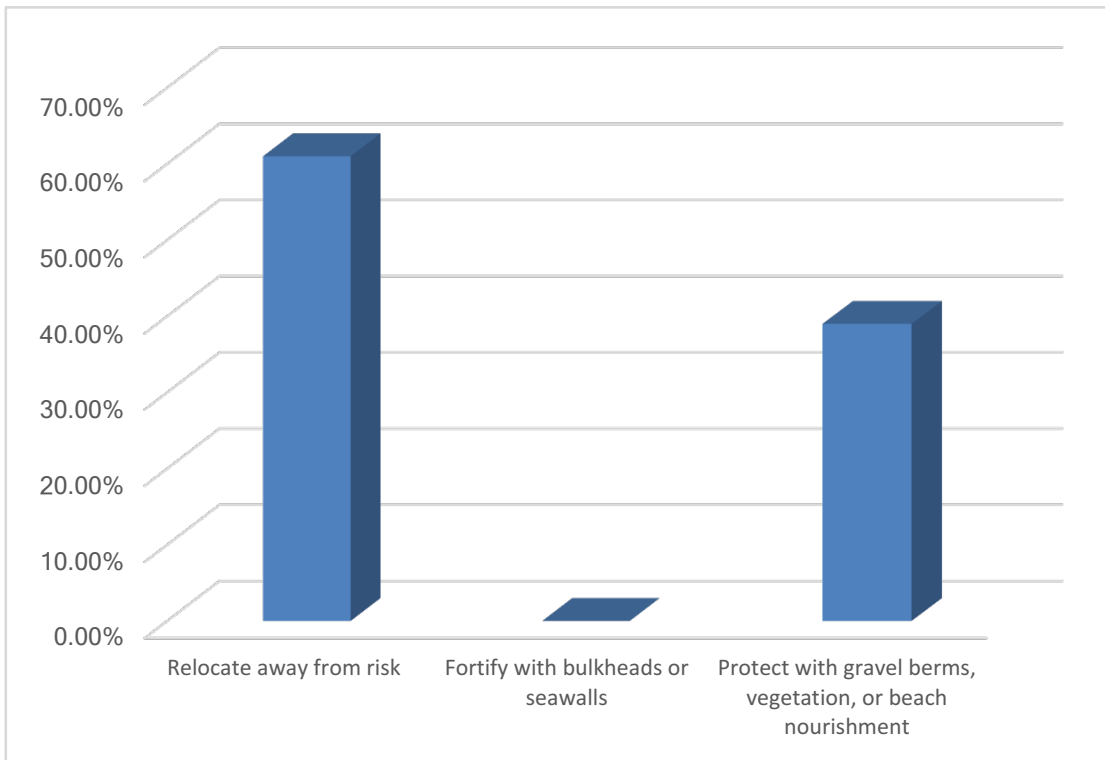
	Responses	
	Percent	Count
Impacts to recreational activities	0.00%	0
Damage to cultural resources	4.00%	1
Damage to natural habitat for fish and wildlife	75.00%	21
Increased risks to public safety	21.00%	6
Declining property values	0.00%	0
None, not concerned	0.00%	0
Totals	100%	28



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

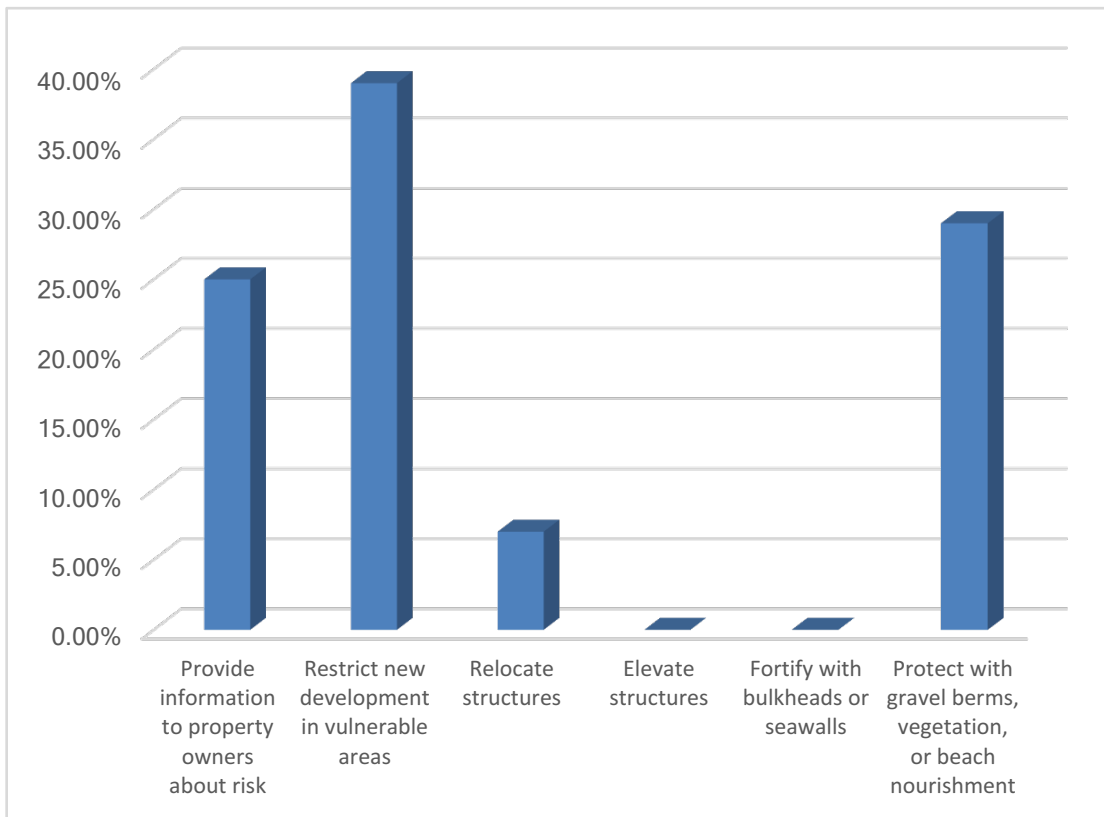
	Responses	
	Percent	Count
Relocate away from risk	61.00%	17
Fortify with bulkheads or seawalls	0.00%	0
Protect with gravel berms, vegetation, or beach nourishment	39.00%	11
Totals	100%	28



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

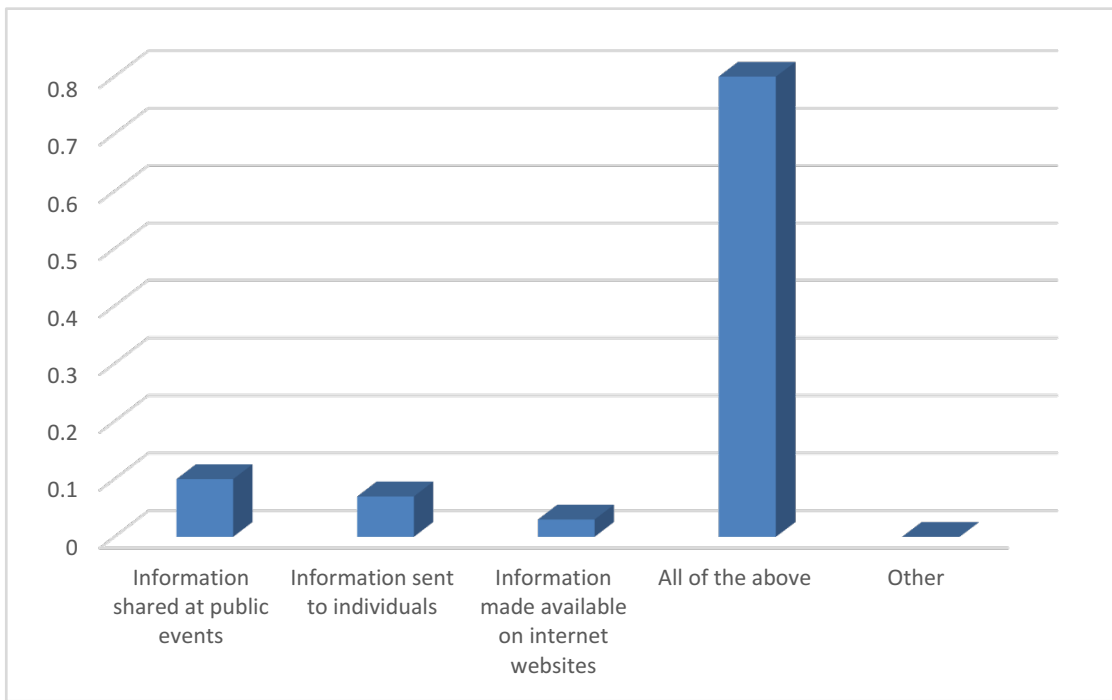
Responses		
	Percent	Count
Provide information to property owners about risk	25.00%	7
Restrict new development in vulnerable areas	39.00%	11
Relocate structures	7.00%	2
Elevate structures	0.00%	0
Fortify with bulkheads or seawalls	0.00%	0
Protect with gravel berms, vegetation, or beach nourishment	29.00%	8
Totals	100%	28



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

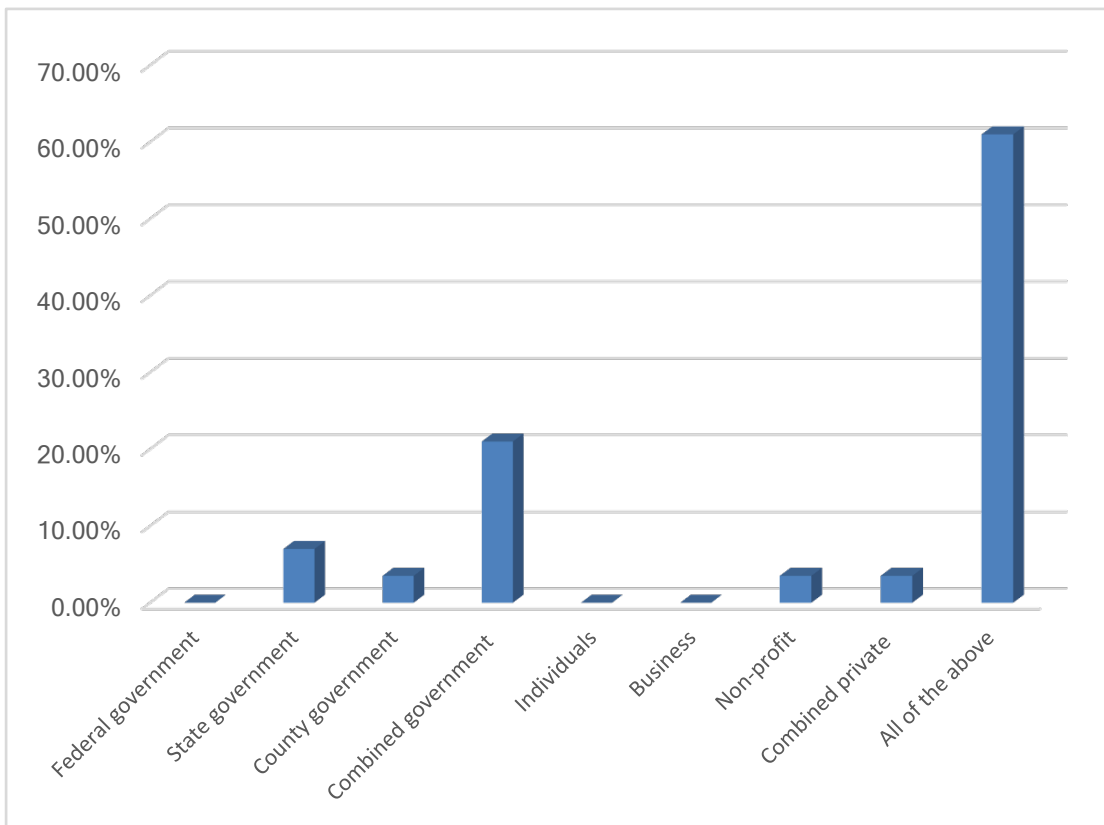
	Responses	
	Percent	Count
Information shared at public events	10.00%	3
Information sent to individuals	7.00%	2
Information made available on internet websites	3.00%	1
All of the above	80.00%	24
Other	0.00%	0
Totals	100%	30



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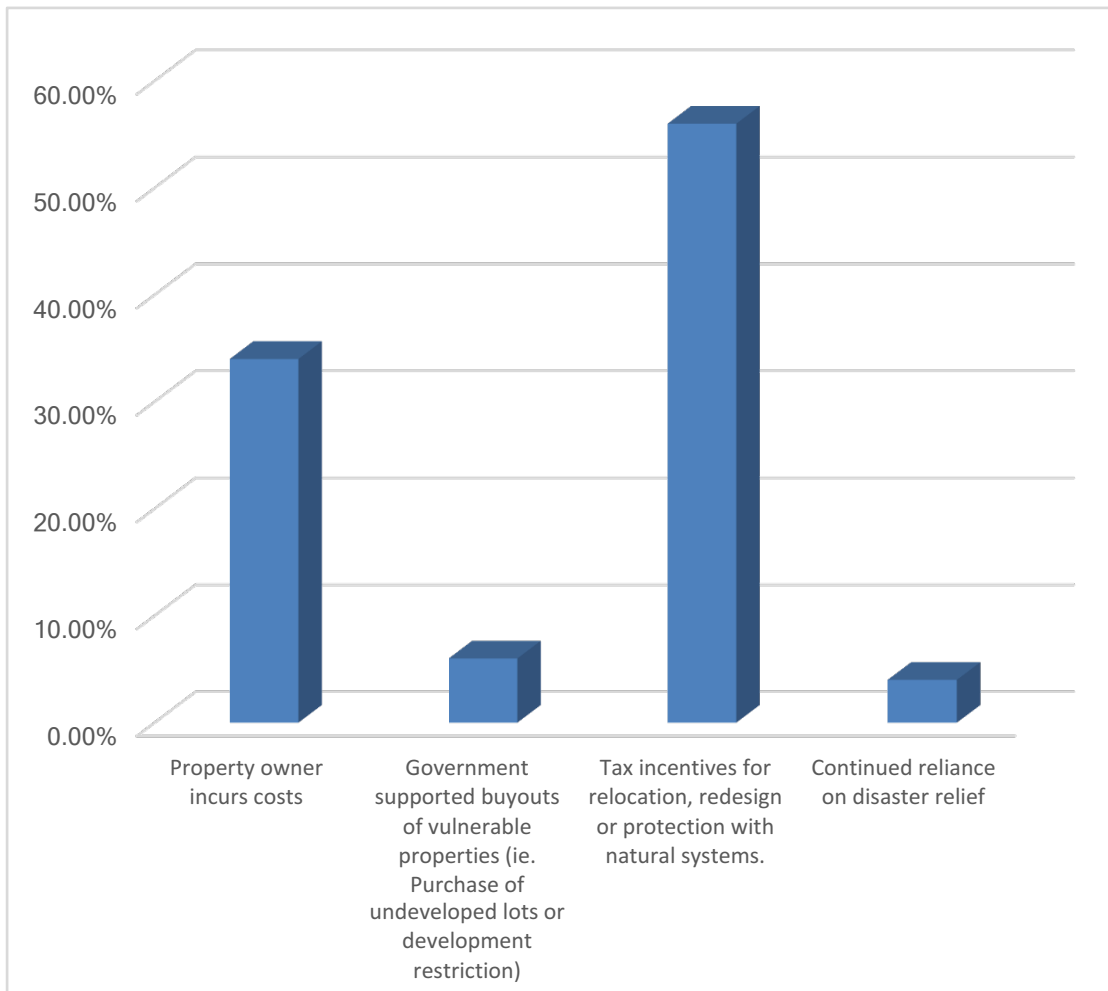
15. Who do you think has the responsibility for planning and adapting to the impacts of sea level rise in your community? (Multiple Choice)

Responses		
	Percent	Count
Federal government	0.00%	0
State government	7.00%	2
County government	3.50%	1
Combined government	21.00%	6
Individuals	0.00%	0
Business	0.00%	0
Non-profit	3.50%	1
Combined private	3.50%	1
All of the above	61.00%	17
Totals	100%	28



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

	Responses	
	Percent	Count
Property owner incurs costs	34.00%	11
Government supported buyouts of vulnerable properties (ie. Purchase of undeveloped lots or development restriction)	6.00%	2
Tax incentives for relocation, redesign or protection with natural systems.	56.00%	18
Continued reliance on disaster relief	4.00%	1
Totals	100%	32



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	0.00%	0
Provides the most permanent and long term solution	77.00%	23
Provides the most habitat benefit	20.00%	6
Provides the most recreational/ public access benefit	3.00%	1
Totals	100%	30

