

San Juan Island Shifting Shorelines Workshop

Participants = 43

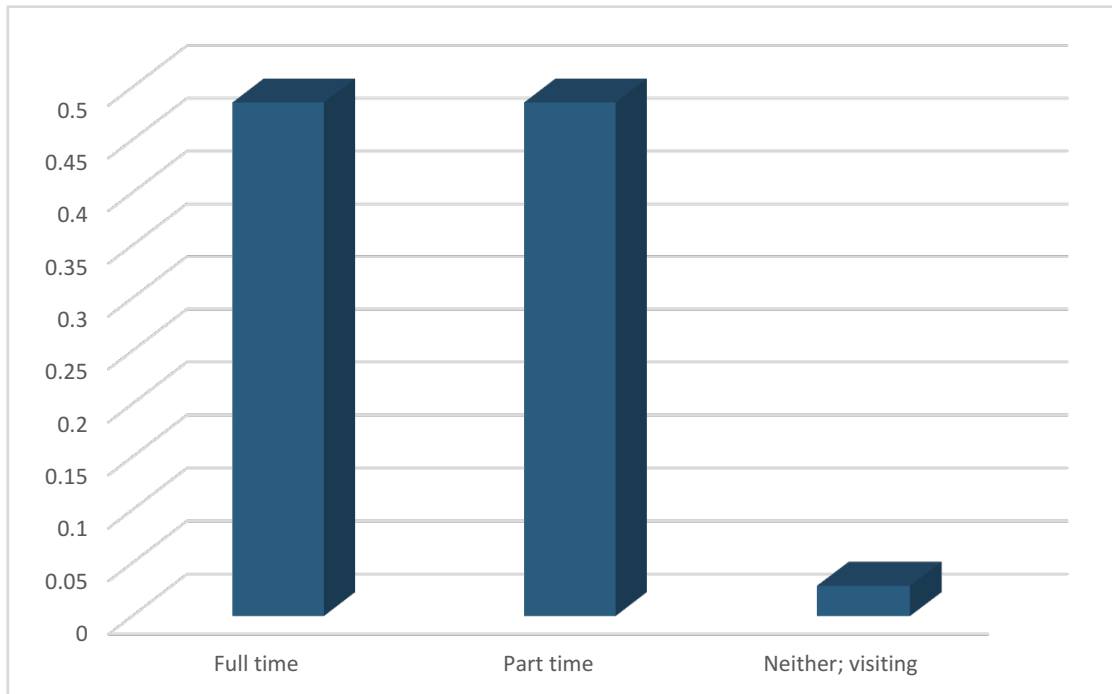
Friday June 30

11:00 to 1:00 pm

Brickworks, Friday Harbor

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

| Responses | | |
|-------------------|-------------|-----------|
| | Percent | Count |
| Full time | 48.57% | 17 |
| Part time | 48.57% | 17 |
| Neither; visiting | 2.86% | 1 |
| Totals | 100% | 35 |



Friends of the San Juans

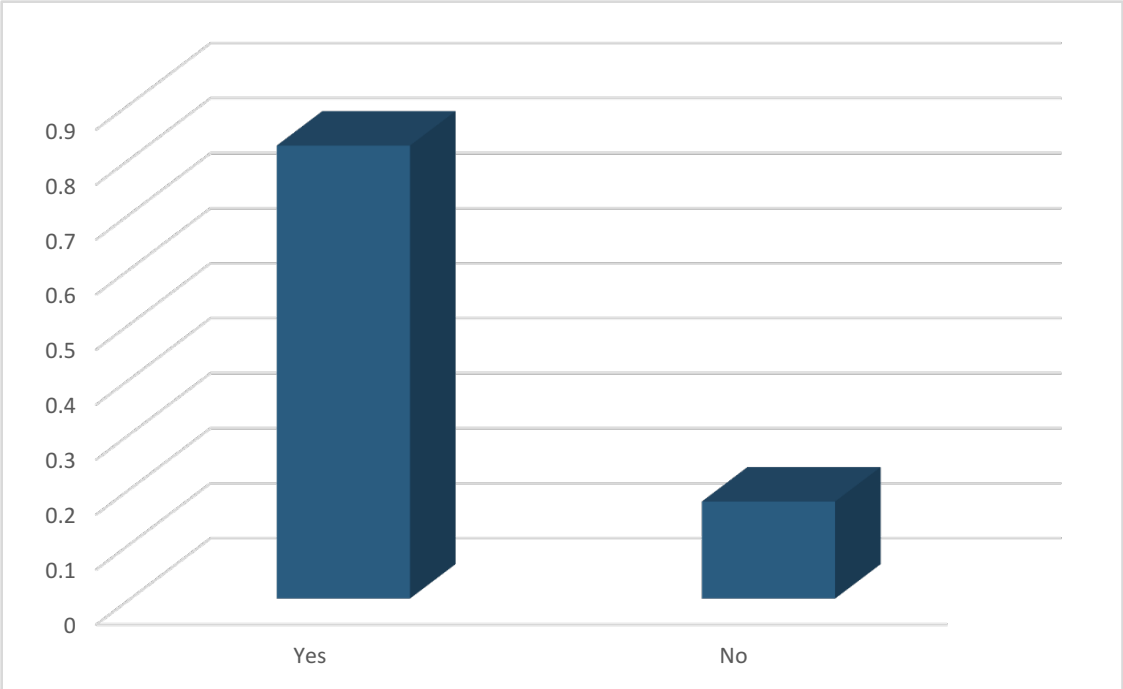
360.378.2319
www.sanjuans.org

P.O. Box 1344
Friday Harbor, WA 98250

San Juan Island Shifting Shorelines
Workshop Results

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

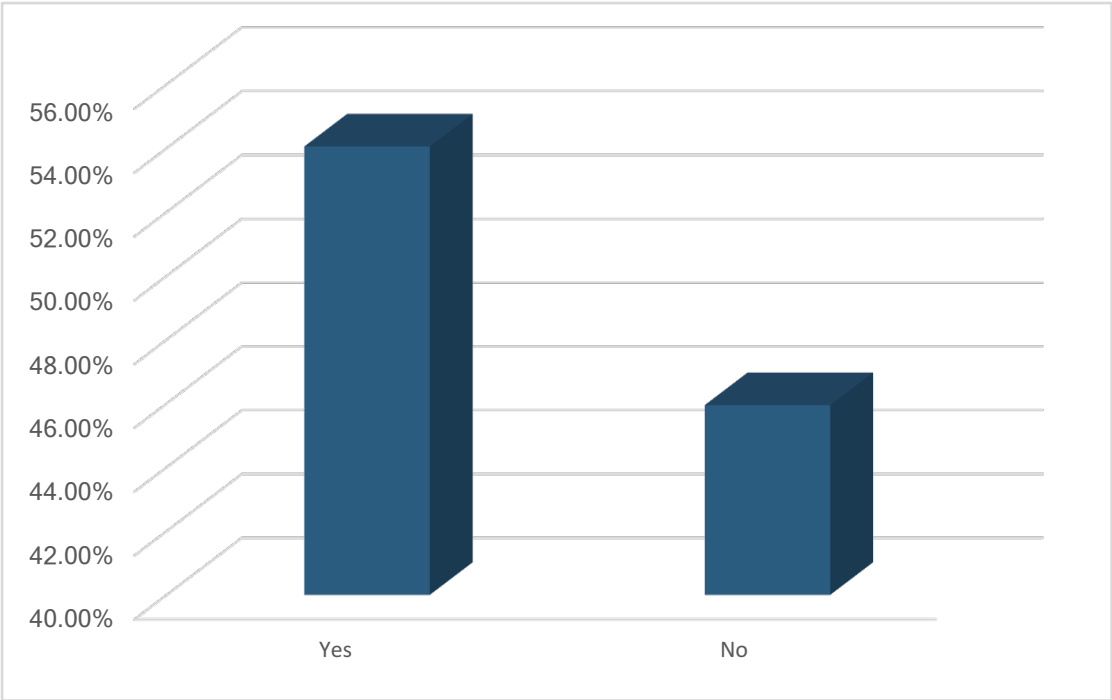
| Responses | | |
|---------------|-------------|-----------|
| | Percent | Count |
| Yes | 82.35% | 28 |
| No | 17.65% | 6 |
| Totals | 100% | 34 |



San Juan Island Shifting Shorelines
Workshop Results

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

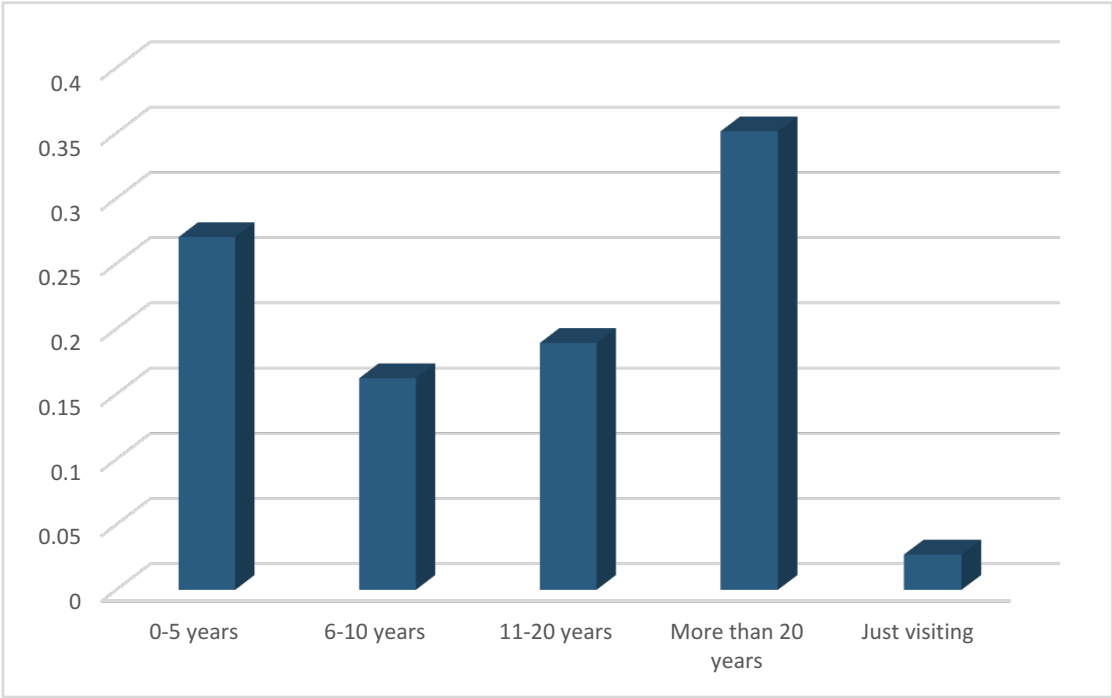
| Responses | | |
|---------------|-------------|-----------|
| | Percent | Count |
| Yes | 54.05% | 20 |
| No | 45.95% | 17 |
| Totals | 100% | 37 |



San Juan Island Shifting Shorelines
Workshop Results

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

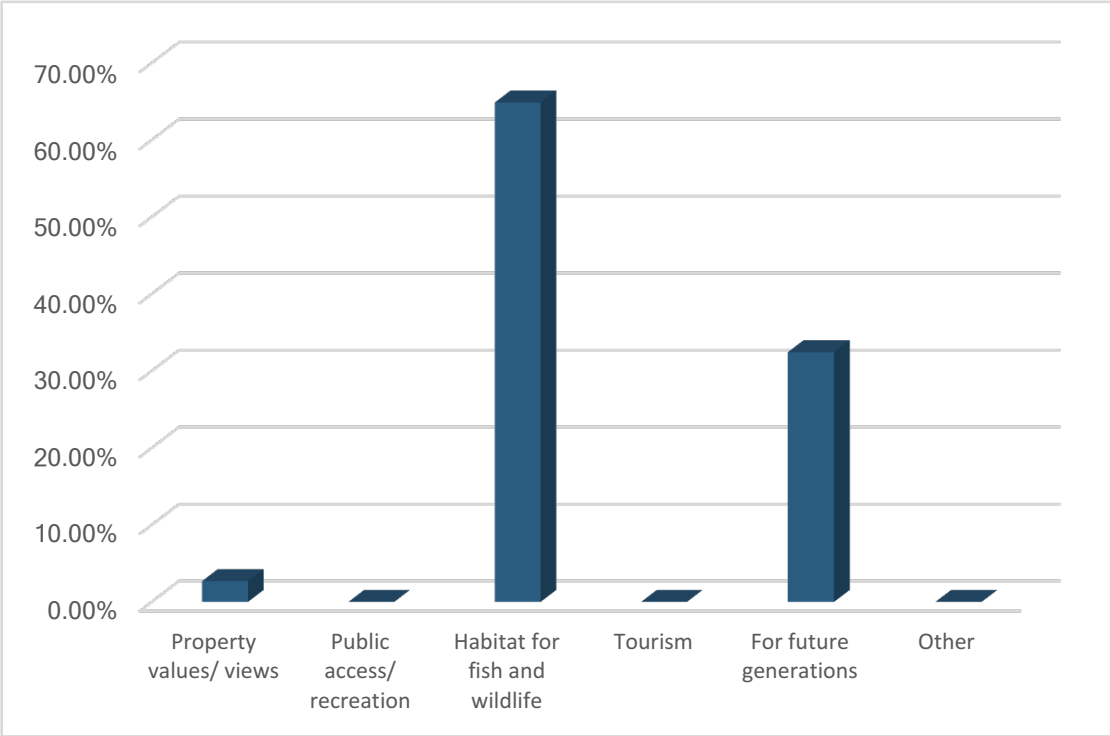
| Responses | | |
|--------------------|-------------|-----------|
| | Percent | Count |
| 0-5 years | 27.03% | 10 |
| 6-10 years | 16.22% | 6 |
| 11-20 years | 18.92% | 7 |
| More than 20 years | 35.14% | 13 |
| Just visiting | 2.70% | 1 |
| Totals | 100% | 37 |



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

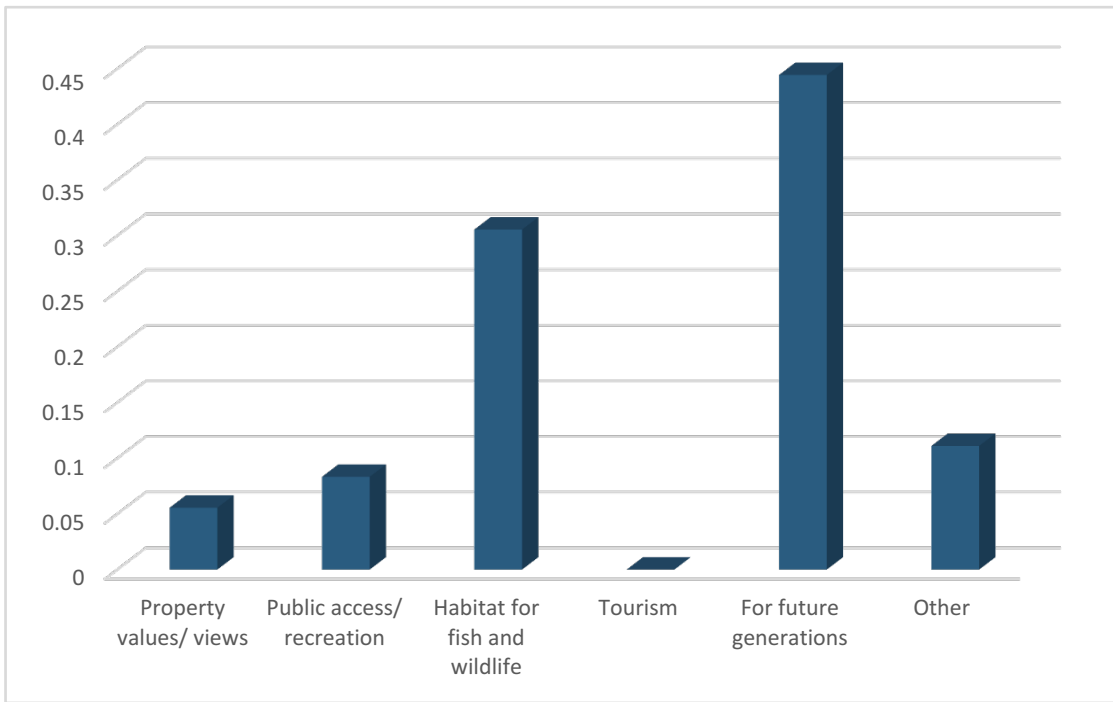
| Responses | | |
|-------------------------------|-------------|-----------|
| | Percent | Count |
| Property values/ views | 2.70% | 1 |
| Public access/ recreation | 0.00% | 0 |
| Habitat for fish and wildlife | 64.86% | 24 |
| Tourism | 0.00% | 0 |
| For future generations | 32.43% | 12 |
| Other | 0.00% | 0 |
| Totals | 100% | 37 |



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

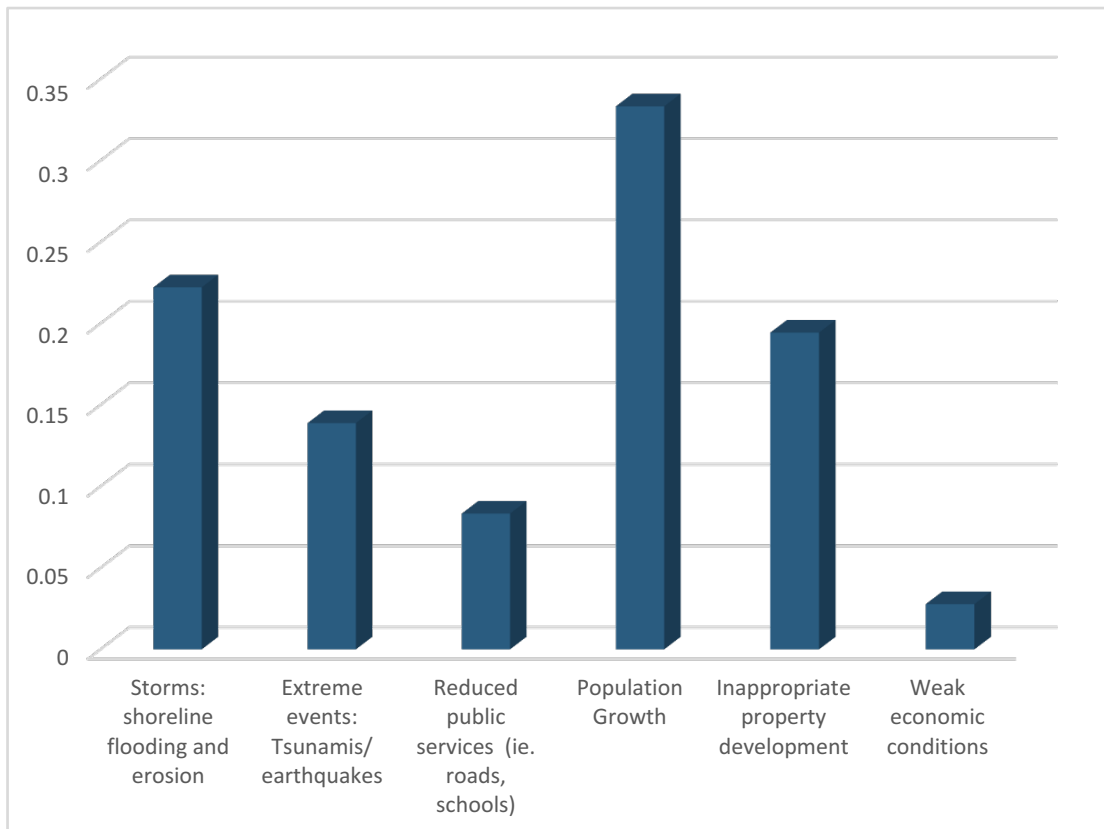
| Responses | | |
|-------------------------------|-------------|-----------|
| | Percent | Count |
| Property values/ views | 5.56% | 2 |
| Public access/ recreation | 8.33% | 3 |
| Habitat for fish and wildlife | 30.56% | 11 |
| Tourism | 0.00% | 0 |
| For future generations | 44.44% | 16 |
| Other | 11.11% | 4 |
| Totals | 100% | 36 |



San Juan Island Shifting Shorelines
Workshop Results

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

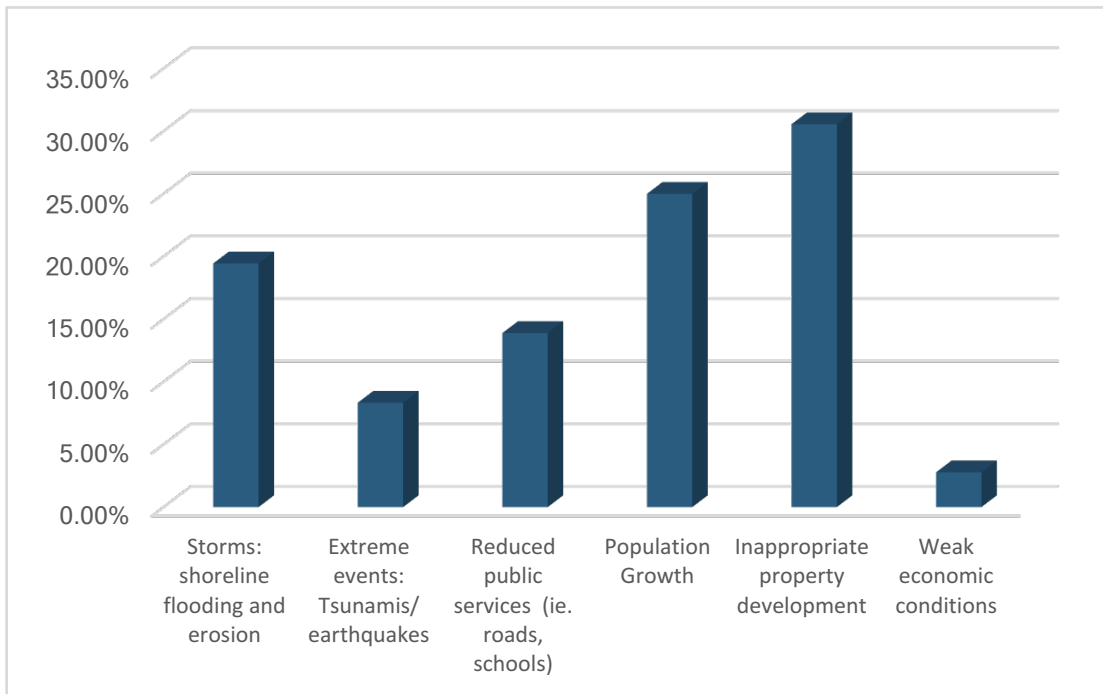
| | Responses | |
|--|-------------|-----------|
| | Percent | Count |
| Storms: shoreline flooding and erosion | 22.22% | 8 |
| Extreme events: Tsunamis/ earthquakes | 13.89% | 5 |
| Reduced public services (ie. roads, schools) | 8.33% | 3 |
| Population Growth | 33.33% | 12 |
| Inappropriate property development | 19.44% | 7 |
| Weak economic conditions | 2.78% | 1 |
| Totals | 100% | 36 |



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

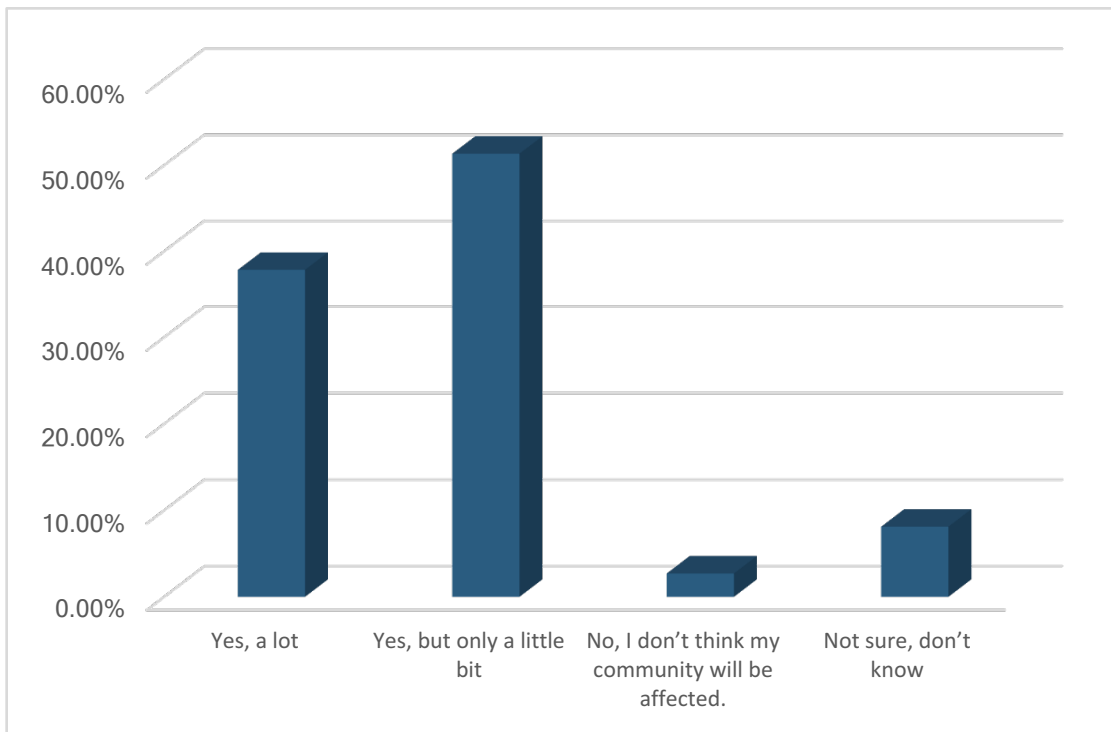
| Responses | | |
|--|-------------|-----------|
| | Percent | Count |
| Storms: shoreline flooding and erosion | 19.44% | 7 |
| Extreme events: Tsunamis/ earthquakes | 8.33% | 3 |
| Reduced public services (ie. roads, schools) | 13.89% | 5 |
| Population Growth | 25.00% | 9 |
| Inappropriate property development | 30.56% | 11 |
| Weak economic conditions | 2.78% | 1 |
| Totals | 100% | 36 |



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

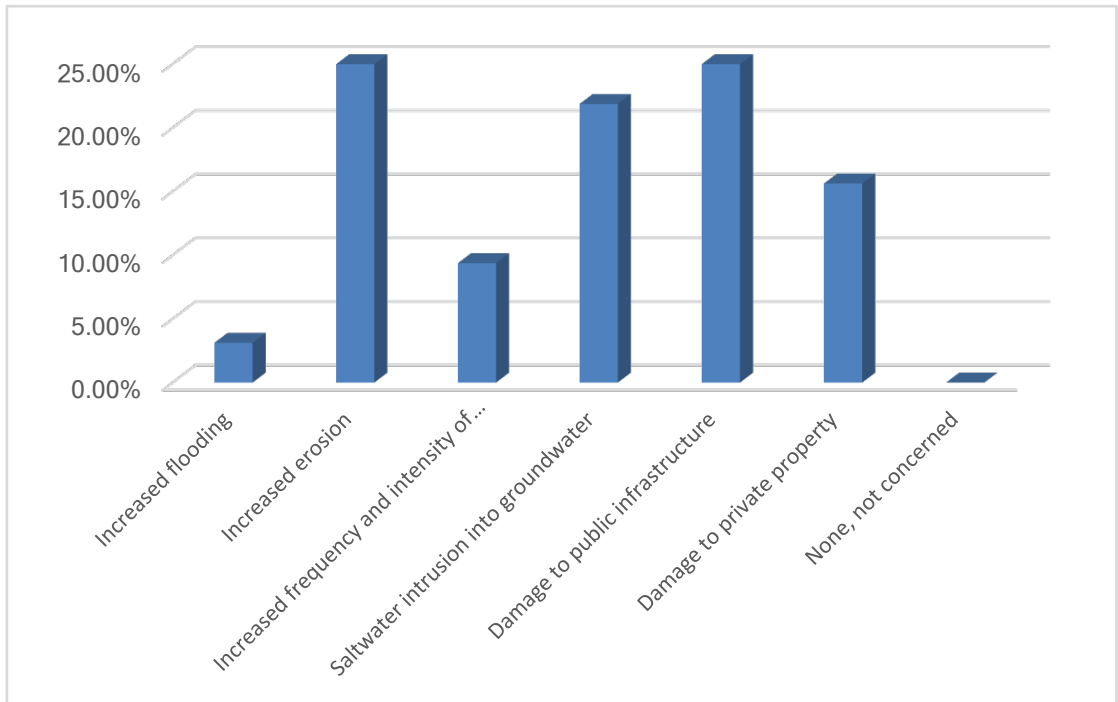
| Responses | | |
|--|-------------|-----------|
| | Percent | Count |
| Yes, a lot | 37.84% | 14 |
| Yes, but only a little bit | 51.35% | 19 |
| No, I don't think my community will be affected. | 2.70% | 1 |
| Not sure, don't know | 8.11% | 3 |
| Totals | 100% | 37 |



San Juan Island Shifting Shorelines
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10. What impact of sea level rise most concerns you? (Multiple Choice)

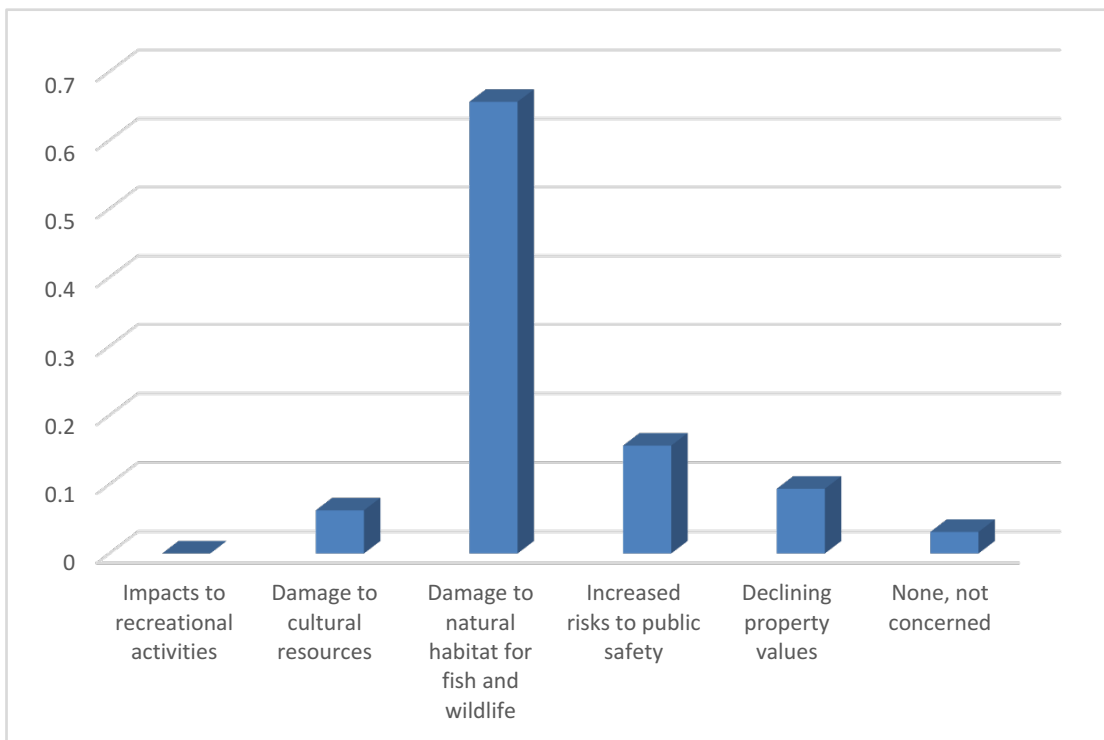
| Responses | | |
|---|-------------|-----------|
| | Percent | Count |
| Increased flooding | 3.13% | 1 |
| Increased erosion | 25.00% | 8 |
| Increased frequency and intensity of storm events | 9.38% | 3 |
| Saltwater intrusion into groundwater | 21.88% | 7 |
| Damage to public infrastructure | 25.00% | 8 |
| Damage to private property | 15.63% | 5 |
| None, not concerned | 0.00% | 0 |
| Totals | 100% | 32 |



San Juan Island Shifting Shorelines
Workshop Results

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

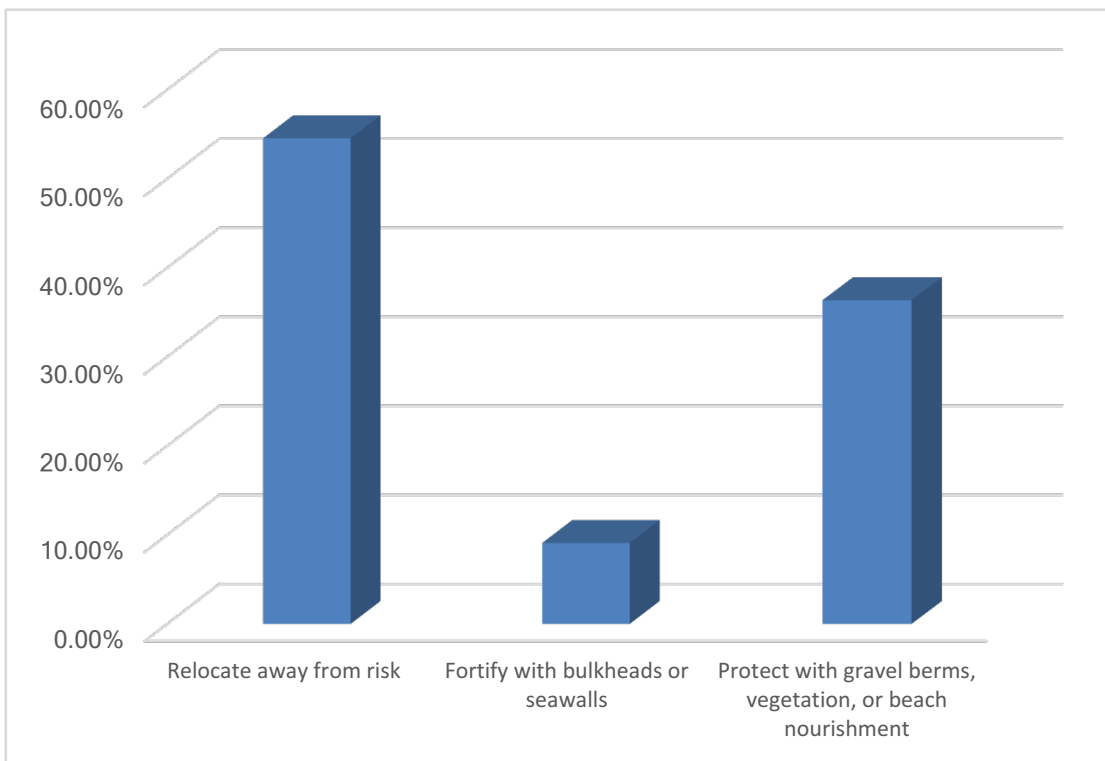
| | Responses | |
|---|-------------|-----------|
| | Percent | Count |
| Impacts to recreational activities | 0.00% | 0 |
| Damage to cultural resources | 6.25% | 2 |
| Damage to natural habitat for fish and wildlife | 65.63% | 21 |
| Increased risks to public safety | 15.63% | 5 |
| Declining property values | 9.38% | 3 |
| None, not concerned | 3.13% | 1 |
| Totals | 100% | 32 |



San Juan Island Shifting Shorelines
Workshop Results

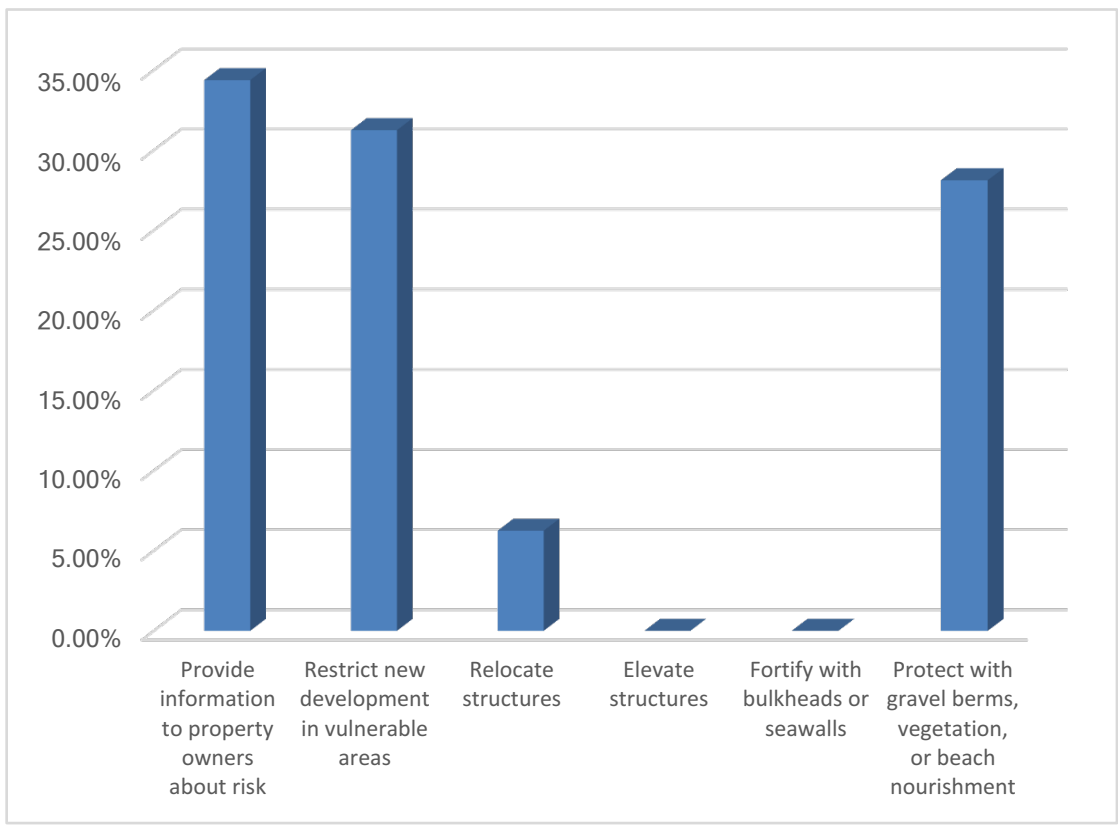
12. What approach to protecting public infrastructure from storms, flooding, and erosion makes the most sense to you? (Multiple Choice)

| Responses | | |
|---|-------------|-----------|
| | Percent | Count |
| Relocate away from risk | 54.55% | 18 |
| Fortify with bulkheads or seawalls | 9.09% | 3 |
| Protect with gravel berms, vegetation, or beach nourishment | 36.36% | 12 |
| Totals | 100% | 33 |



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

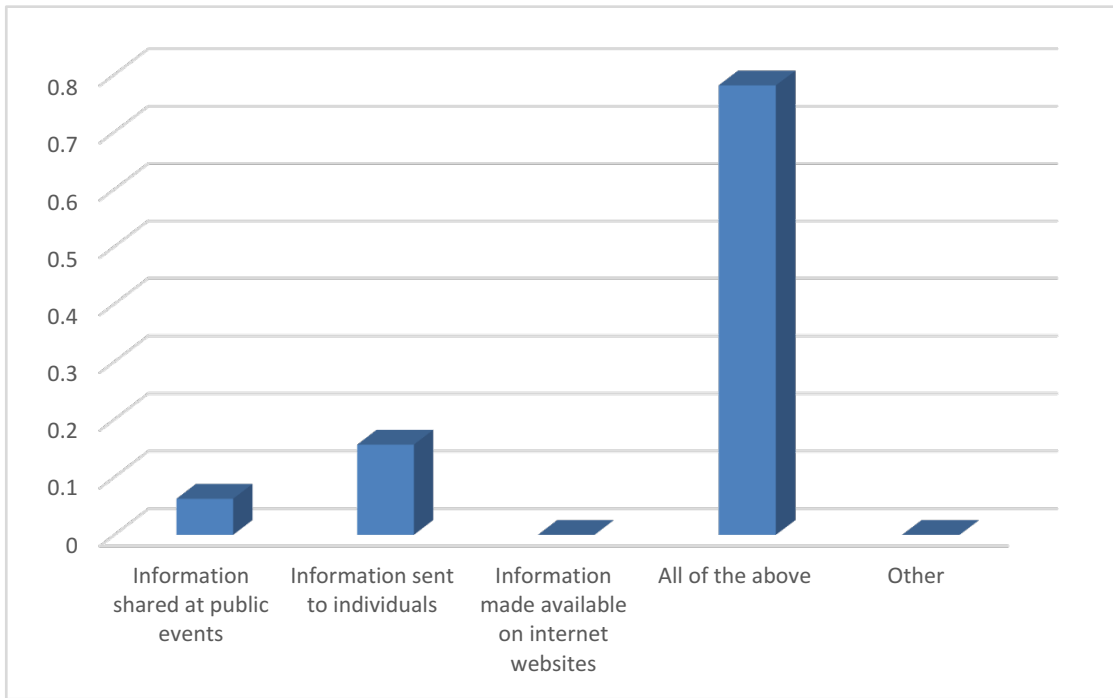
| Responses | | |
|---|-------------|-----------|
| | Percent | Count |
| Provide information to property owners about risk | 34.38% | 11 |
| Restrict new development in vulnerable areas | 31.25% | 10 |
| Relocate structures | 6.25% | 2 |
| Elevate structures | 0.00% | 0 |
| Fortify with bulkheads or seawalls | 0.00% | 0 |
| Protect with gravel berms, vegetation, or beach nourishment | 28.13% | 9 |
| Totals | 100% | 32 |



San Juan Island Shifting Shorelines
Workshop Results

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

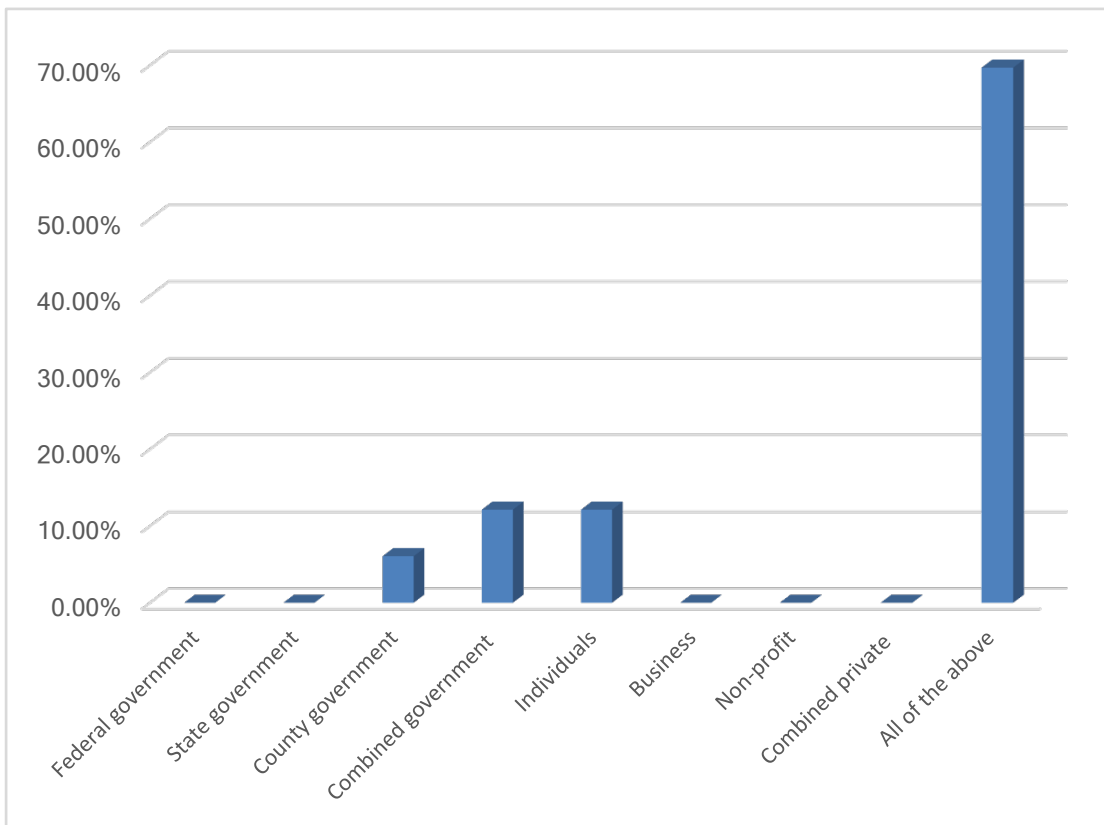
| | Responses | |
|---|-------------|-----------|
| | Percent | Count |
| Information shared at public events | 6.25% | 2 |
| Information sent to individuals | 15.63% | 5 |
| Information made available on internet websites | 0.00% | 0 |
| All of the above | 78.13% | 25 |
| Other | 0.00% | 0 |
| Totals | 100% | 32 |



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Workshop 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)

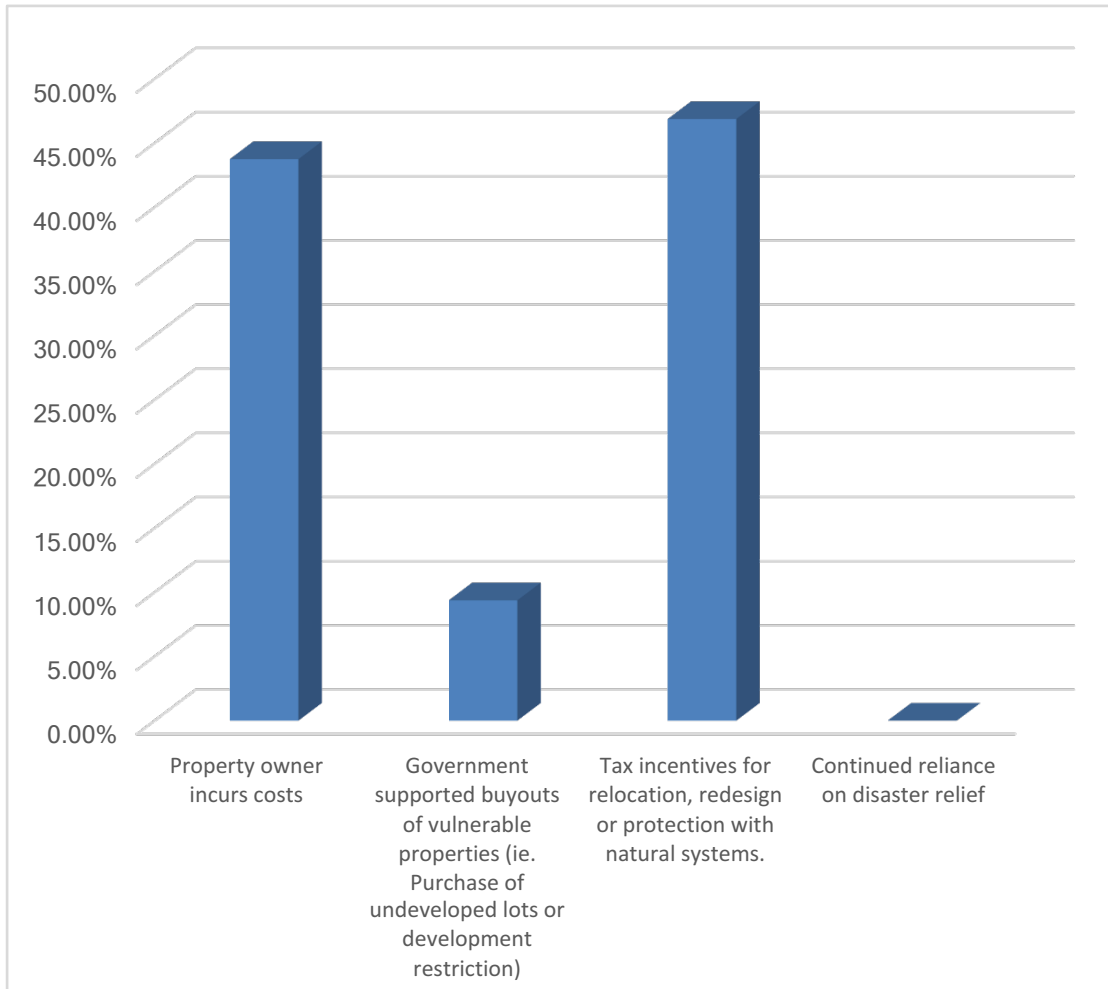
| Responses | | |
|---------------------|-------------|-----------|
| | Percent | Count |
| Federal government | 0.00% | 0 |
| State government | 0.00% | 0 |
| County government | 6.06% | 2 |
| Combined government | 12.12% | 4 |
| Individuals | 12.12% | 4 |
| Business | 0.00% | 0 |
| Non-profit | 0.00% | 0 |
| Combined private | 0.00% | 0 |
| All of the above | 69.70% | 23 |
| Totals | 100% | 33 |



San Juan Island Shifting Shorelines
Workshop 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 | 43.75% | 14 |
| Government supported buyouts of vulnerable properties (ie. Purchase of undeveloped lots or development restriction) | 9.38% | 3 |
| Tax incentives for relocation, redesign or protection with natural systems. | 46.88% | 15 |
| Continued reliance on disaster relief | 0.00% | 0 |
| 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 | 78.13% | 25 |
| Provides the most habitat benefit | 18.75% | 6 |
| Provides the most recreational/ public access benefit | 3.13% | 1 |
| Totals | 100% | 32 |

