This Appendix provides a copy of the 2011 Public Participation Survey and a summary of results collected. For copies of the 2006 survey or data, please contact each individual participating jurisdiction.
**Virginia Beach Public Survey Responses**  
**Total Responses: 163**  
**As of 4-29-11**

- continue to build the community emergency response teams, especially CERT continue to offer and expand training opportunities to CERT members
- I would like to know if there is some cost effective and efficient way to hurricane proof the roofs without tearing off the whole roof.
- besides informing the community on how to establish an emergency kit, give information on important phone numbers, emergency sites to obtain information and resources from before and after an emergency as well as emergency shelters, what to do with pets, etc.
- Be aware of your surroundings and report any unknown activities to the proper authorities.

### Evacuation
- Adequate escape route.
- How do you evacuate this area? It does not seem possible.
- I don’t think there is any plan of getting everyone out of the area in case we were to get a very bad storm. There are too many people and not enough roads out of the area.
- evacuation of the region in a timely fashion
- Better evacuation routes.
- Yes. I think we need to push for a more comprehensive transportation plan for evacuation in case of a severe hurricane.
- Lack of adequate escape routes from this area are a major challenge to the population in case of a natural or other disaster requiring evacuation
- There is no incident command system in place to safely evacuate even small portions of SE Virginia from small-scale HAZMAT or natural events. The inability of VA State Police, local fire battalion chiefs, and VDOT to interact and see beyond their immediate surrounding is demonstrated on a daily basis as little traffic accidents morph into substantial impediments to commerce and societal movement about the community. There is no interface with municipal traffic controllers to attenuate the impact upon non-interstate arterials and secondary roads. Did anyone learn from the chaos of the Navy simply checking ID’s - gridlock. It’s scary

### Sheltering
- Providing shelter for those unable to remain in the place of residence should a disaster occur- how will victims get to shelters if without transportation?
- shelters

### Recovery
- Resumption of electricity and water soon after an incident.
- service provision in the event of a disaster, i.e. health care services, shelter, safe food and water,
Virginia Beach Public Survey Responses
Total Responses: 163
As of 4-29-11

- local government spending limits any "wish list" for additional steps to take. At this time I'm not aware of risks which I think require local action. Sea level rise / land subsidance are beyond the local community for consideration. I'm far away enough from possible flooding / hurricane damage that I'm not concerned about it very much.
- too many studies, have great flood maps but few solutions (budget, costs) evacuation routes and inadequate and shelters are in flood plains--- need for upgrade
- Look into why my court and part of the surrounding streets flood during heavy rain
- Good building code enforcement.
- better roads and transportation system for people to get out if needed. Our local government did a good thing when it built up better drainage along Bow Creek which alway flooded in a little rain before. Last sever flooding in the area was in the mid 1980s when our whole area flooded and water came up into the parked cars or cars going down the street. My son had a house on Capitol Hill and had to use a boogie board to get from his house to ours.
- Better preparation, and anticipation.
- Restore the dune and cover the pipes. If there is a hurricane, the city has completely flattened the dune to install a pipe for run off water.....how about that pollution! (right into the Atlantic Ocean)
- Zoning enforcement. Modern stormwater management per EISA Section 438 and Chesapeake Bay 502. Retrofitting public sites. Tax incentives for large impervious surfaces. Virginia Beach needs to fund a modern urban forest management unit to establish and maintain a healthy diverse sustainable urban forest. Substantial program to reduce impervious surface areas - GreenStreets, green roofs on schools. Pursue wetland renovation grants to exponentially reduce Phragmites and other invasive plants. Hampton, Poquoson, Norfolk, Chesapeake, Suffolk, Fort Eustis, and northern Portsmouth are "whistling through the graveyard." A major Phrag fire will be hot, run fast, and impact residential, commercial and industrial properties in the wildland urban interface. Localities need to work with overhead utility owners to remove natural risks - poorly sited trees and vegetation. This would also start to reduce the urban blight problems - found a synergistic benefit.
- adequate provisions for emergency power of sanitary sewer and stormwater pump stations.
- Flooding in our area during torrential rains and hurricanes are the largest concern.
- Install a flood gate to the lake to prevent rising sea water from backing up into lake.

Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that are important to you?

Public Education/Notification
- Effective communication to citizens during a disaster is very important.
- getting neighbors more aware of their surroundings
- education and training for all
- public education, public information
- Human caused hazards, such as robberies and crimes. It has been picking up in Virginia Beach. More neighborhood watches should start up again
- We need to reach out to the community more to let them know what to do before and after a disaster. Not sure what the answer is - some just don't pay attention.
- Get to know your neighbors. Form a neighborhood support group for helping each other to prepare and support each other if a disaster should occur.. This is something I've wanted to do but haven't had the motivation to do.
- Have community briefings in neighborhood, like block party or something.
- Emergency Preparedness for Lawyers.
• storm drain cleanout,
  Make sure that the storm drain system is maintained

**Tree Trimming**
- Tree removal
- Tree trimming/removal
- tree removal
- Trim trees away from power lines
- remove dangerous limbs from common areas

**Power lines**
- Move power lines underground
- Put power lines underground
- I would require electric lines in all neighborhoods to be put underground when they install the fiber optic lines or any underground lines. which would eliminate a lot of problems everywhere.

**Research**
- Find out what other local areas in coastal regions are doing, to get ideas, to learn from their mistakes, perhaps.
- survey all the places to check for potential hazard and implement a plan of action on how to prevent it
- Seriously relook at evacuation measures.

**Dredging**
- Dredge out lake at Mount Trashmore to increase the water holding amount of lake.
- Dredge the storm drainage canal that runs from the lake at Mt Trashmore out toward the ocean.

**Mosquito**
- continue mosquito spraying during summer months
- maintain mosquito spraying

**Planning**
- prepare and make available both an evacuation plan and a plan for providing assistance in days after a disaster to those who remain.
- They could put together a plan that covers everything. I know there are some plans on what to do for hurricanes and emergency exit routes. A single website or location for all types of situations would be helpful instead of jumping around to different spots to find all the information.
- Better evacuation plan for hurricanes.
- Better plan to address flooding.

**Incentives**
- offer tax incentives for home improvements or changes that would help strengthen the homes ability to withstand a significant weather event
- Property tax breaks to make one's home more able to be self reliant after a storm or other emergency. Stop the blanket approval of building on wetlands and zoning variances.

**Other**
- the schools and media are doing a huge disservice in propagating deliberate false teaching about the true nature of nuclear power.
- Move electrical lines underground to prevent power loss due to high winds.
- Access the area of possible threats before any hazard damages could occur. Get the neighbors interested so they could help if a situation (God forbid) were to arise.
- have VaBch live in the real world, that things can and will happen, its just a matter of when.
<table>
<thead>
<tr>
<th>Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding?</th>
</tr>
</thead>
</table>
| **Yes:** 124  
**No:** 8  
**I don’t know:** 25  
If no, please explain.  
- Rent (4 responses)  
- Even with yes, we have a homeowner’s association and it would be a group decision likely in terms of specific action we would be willing to take. I imagine that we well may be in that we would hate to see this area destroyed.  
- need to do as home owner. motivation enough. above mentioned is going to cost for me to pay for my own as well as for others who maybe have the funds but chose a "free ride"from a public source for a private home |

<table>
<thead>
<tr>
<th>In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood?</th>
</tr>
</thead>
</table>
| **Public Outreach**  
- Meeting w/ neighborhood civic league to discuss known problems specific to our area of the city (Pembroke Meadows).  
- Don’t know, other than information via TV and radio  
- remind residents to remove leaves and debri from next to curbs and from streets  
- Encourage, or even provide an incentive, to have neighborhoods and individuals have in place and practice a disaster plan. (like the people of Japan do yearly). I remember years ago when we had to practice getting under our desk as part of a disaster drill. I think the only drill now is the fire drill, which is so often not taken seriously.  
- Publication of information on potential problems and methods to reduce losses  
- community awareness  
- continued public information disseminated through the civic league  
- Information for home owners on what can be done to reduce hazards  
- set up a meeting for the neighborhood to see for a hazardous or dangerous situation  
- Continue to fund and support the VBCERT Program to train and educate as many citizens as possible to help in a disaster.  
- Maybe a tornado warning alert.  
**Storm water**  
- keep gutters/streets clean to keep storm sewers from getting clogged. Employ more street sweeper trucks  
- Control of water run off areas that need to be routed to Drury Bay. Tree roots have been compromised by lack of a systemic control system  
- continue to upgrade storm sewer system as the city grows, continue with current policy of building storm ditches with new construction as this helps significantly  
- keep trash and debris away from drains  
- Clean and maintain ditches  
- clean streets from debris  
- screens over storm drains so debris cannot be swept down into the drain by nature of bad neighbors |
| Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding? | Yes: 6  
No: 0  
I don’t know: 0 |
|---|---|
| In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood? | Planning Departments should immediately incorporate sea level rise / storm surge maps into the zoning ordinance.  
produce literature, have periodic information meetings  
Better road maintenance |
| Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that are important to you? | No responses |
| A number of community-wide activities can reduce our risk from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing. | Prevention | Property Protection | Natural Resource Protection | Structural Projects | Emergency Services | Public Education and Awareness |
| | Very Important | Somewhat Important | Not Important | Very Important | Somewhat Important | Not Important | Very Important | Somewhat Important | Not Important | Very Important | Somewhat Important | Not Important | Very Important | Somewhat Important | Not Important |
| | 3 | 3 | 0 | 2 | 3 | 1 | 4 | 2 | 0 | 3 | 3 | 0 | 5 | 1 | 0 | 5 | 1 | 0 |
### Portsmouth Public Survey Responses

**Total Responses:** 5  
**As of 4-29-11**

| Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding? | Yes: 2  
No: 2  
I don’t know: 2  
If no, please explain.  
- For natural disasters I think preparedness and a conscientious effort to tend our Earth rather than abuse it would be in our best interests. |
| In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood? | Require all new homes and sewer line replacements to have a back flow device installed.  
They could be better stewards of our earth by being more mindful of what would serve future generations and not be so influenced by the greed of business interests/those with short term thinking.  
Make sure sewer system is maintained Train citizens to respond and take care of themselves - evident this needs to be done when you see what happened in Japan recently |
| Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that are important to you? | Creating plans for the group homes prior to approval.  
How about population control via better education so that the demand on our resources is reduced.  
Work at the Virginia aquarium. Am concerned that power be restored soon after a disaster so that the animals won’t die - terrible PR for the City |
| A number of community-wide activities can reduce our risk from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing. | **Very Important** | **Somewhat Important** | **Not Important** |
| Prevention | 4 | 0 | 0 |
| Property Protection | 2 | 2 | 0 |
| Natural Resource Protection | 3 | 1 | 0 |
| Structural Projects | 1 | 3 | 0 |
| Emergency Services | 4 | 0 | 0 |
| Public Education and Awareness | 3 | 1 | 0 |
roadways. The sewer update in my old neighborhood, Lochhaven, was so bad it took all the money allocated for three areas to do the first area. The maps of where the sewers had not been updated since the 40's and did not match what they found underground. I imagine that Larchmount, Meadowbrook and Algonquin Park are in the same situation. Hampton Blvd south of the Hampton Blvd Bridge (near Larchmont Library) routinely floods in a severe downpour. Since this is a main route for traffic to and from the Midtown Tunnel, it causes major traffic jams. Again this can cause emergency vehicles to not be able to get though.

- There are other flooding issues closer to Granby St and Suburban Pkwy and there dead trees in the open space next to my house that the city won’t remove or cut limbs from that can either fall on power lines or my car. And of course underground utilities would be the best solution and since that will never happen securing the leaning utility poles or replacing them with steel one would help. They are trying to cut back branches, but they need to look at the trees around the too.

- Apartment owners/managers should be required to disclose/discuss with potential renters the flooding issues affecting their buildings. Potential land owners should be made to sign a document which spells out the flooding issues and list recent events on their property. Then maybe the folks who choose to live in such a location would be more aware and become more involved in the community they choose to live in.

- Make sure owner cut the limbs of their trees that are dead and leaning on other people property.

- We seem to focus on reduction of property damage and risk but have not really focused on the human survival issues that may arise. What about the military in our area? Are we partnering with them on this stuff?

- Do not be Reactive; be Pro-active. Spend more time planning to resolve then reacting to the problems already out there.

- I don't even know how we being to address sea water level rise. Is there any way to lessen this danger other than to sell the house and move inland?

- Too many people are not cognizant of the need to maintain homes and remove materials that can be dislodged by winds, water etc. While such damage cannot be completely avoided, it can be mitigated. Also some people are not aware of the need to maintain dunes, anchor plants etc.

- Having the number of military bases in close proximity is a double edged sword. They can defend but are also targets for terrorism and we would be the collateral damage should they come under attack.

- Clean streets and neighbors

<table>
<thead>
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<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention</td>
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<td>2</td>
</tr>
<tr>
<td>Property Protection</td>
<td>62</td>
<td>61</td>
<td>9</td>
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<td>Natural Resource Protection</td>
<td>91</td>
<td>37</td>
<td>5</td>
</tr>
<tr>
<td>Structural Projects</td>
<td>83</td>
<td>46</td>
<td>6</td>
</tr>
<tr>
<td>Emergency Services</td>
<td>125</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>Public Education and Awareness</td>
<td>108</td>
<td>27</td>
<td>1</td>
</tr>
</tbody>
</table>
Norfolk Public Survey Responses
Total Responses: 66
As of 4-29-11

range plan to inclement solutions.
- low interest loans to homeowners who wish to raise the foundation on homes.
- Pay attention to the rising seas and how it is effecting the communities. Take action now vs. a wait and see.
- Norfolk is generally low lying, but some areas/neighborhoods are especially prone to flooding. The city, state or federal government should buy out those land owners in the worse locations and convert those areas to green areas and salt marshes, and assist homeowners in medium flood prone areas to elevate or take other mitigation measures.
- Flooding - not allow continued high density development in know flood areas
- Improved infrastructure to mitigation future flooding, i.e. sewers, storm drainages
- There is a creek that runs from Virginian Drito the Lafayette River. The city has cleaned the part from Virginian Drito Suburban Pkwy and deepened it. From Suburban Pkwy to Thole St. they have not, and the water is stagnate. They use the excuse wetland protected, but I have lived here since 1957 and I know that the water use to flow through to the river. The street does flood at that point of the street and the mosquitoes get bad in the summer. The people in the apartment, Archers Green throw garbage into that area and it needs to be cleaned and deepened, also from Galveston Dr to meet that point and maybe from Thole St to the River, but I don’t know about that side of the street.
- I have tried to keep up with the various proposed solutions the community has discussed. I would like to know what the findings are from the Dutch consulting company advise the city to do. Personally we are in favor of an inflatable flood gate system at the Shore Drive/corner of Pretty Lake bridge.
- Fix known flooding problems in Ocean View and Pretty Lake areas of Norfolk. Also continue to replenish and actively manage sand erosion in Ocean View beaches from 17th Bay to Little Creek Inlet.
- building codes, wetland preservation and revitalization, better drainage

Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that are important to you?

- Mason Creek area is a huge issue.
- transportation issues
- Have a true hurricane plan. It is impossible to adequately predict when a storm will hit due to the location and this leaves residents with little or no way of getting out of town. We need to have better strategies for staying.
- My house flooded 11/09 ONLY because of traffic driving down the street creating waves. Same with a neighbor’s house. Had police out there but they would not close the street (even though state police car was stranded) because it was a state street - even though it was impassable.
- Just the response time of the city when acting on hazards and disasters
- Even if my home is safe, during tidal flooding my commute isn’t. Tidewater Drive floods in multiple locations between Rugby Street & I-264 several times a year -- Fix it. And when doing construction work, don't create more problems. After the city tore up the intersection of Granby & Freemason several times, my church at that location was flooded 3 times within a year, and ultimately forced to move. Since the landlord had no prior history of flooding in that building, it's hard to believe that it's just a coincidence.
- transportation infrastructure inadequate in the event wide scale evacuation needed for Hampton Roads/Outer Banks population
- Fixing the infrastructure of Norfolk water, sewer, and storm water drainage is required. The system was installed many years ago and cannot handle the amount of new construction and the number of vehicles that use the
Norfolk Public Survey Responses  
Total Responses: 66  
As of 4-29-11

- Repair storm water systems in Norfolk
- Fix the storm drains by fixing the storm drains with a flapper so sea water cannot rise into the neighborhood via the storm drains
- Storm water drainage can be taken care of by improving the storm drains. Tidal flooding may be alleviated by damming the entrance to Little Creek/Pretty Lake
- Ensure that all drains are cleared on a more frequent basis. They tend to do them during or after a flooding episode.

Flood Gates
- Install flood gate at entrance of Pretty Lake in East Oceanview
- Put the inflatable flood gates in at pretty lake...new sewer system
- Listen to the suggestions of the people...the flood gates for Pretty Lake are not only cost effective but work will as studies have shown. Act on what is presented.

Tree Trimming
- trim/prune city trees in ROW
- Proper tree trimming. Tree are not properly trimmed to reduce changes of toppling. The power company hires a company that only cares about cutting branches close to the power line and not the health of the tree
- The city should take care with three trimming around power lines. My neighbor’s tree is now a huge stick just waiting to fall on his house or my house when a storm comes.
- Clear tree branches from power lines

Evacuation
- An evacuation plan that includes moving mass numbers of people by some sort of public transportation would reduce the # of cars trying to exist via a few exit points. The evacuation of Houston and New Orleans is an example and they have many more road options
- A Workable Evacuation Plan that will provide for the safety of the residents
- Both egress out of our area floods. East Ocean View Avenue floods and is impassable during heavy rainfall. The southern end of the bridge at Pretty Lake Inlet and Shore Drive floods and is impassable in a heavy rainfall. That means there is no effective way to evacuate, or get emergency services to our East Beach neighborhood.

Other
- Acting and addressing hazards at a much more timely rate
- Keep updated listing of special needs individuals-those on oxygen, immobile, etc
- Salt and plow more streets when there is ise or snow
- Maintenance of coast lines --- beaches, dunes, etc. While we c cannot control nature, we can prepare for the hazards
- Municipal government need to strengthen its ability to respond to these events. Most are weather related
- Better predictions of inundation – today and tomorrow, nor’easters are a special problem that seems to “sneak up” on us
- Spraying for mosquitoes
- Power lines underground
- A poorly designed flood-mitigation project just wrapped up in my neighborhood. Now there’s a permanent pond in the middle of the street.
- First acknowledge there is a problem, i.e. Mayor Fraim will not engage the question, he merely states ALL Norfolk Floods (like there is nothing we can do but move away). Second make a long
## Norfolk Public Survey Responses

**Total Responses: 66**

**As of 4-29-11**

<table>
<thead>
<tr>
<th><strong>Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding?</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes: 40</td>
</tr>
<tr>
<td>No: 5</td>
</tr>
<tr>
<td>I don’t know: 9</td>
</tr>
</tbody>
</table>

If no, please explain.

- Of course, it would be nice if the City of Norfolk also had some incentives to protect neighborhoods from flooding and other damage, and didn’t create new problems with their construction projects.
- Currently, state and federal funding is being sought by developers to build ADDITIONAL high density apartments in proven flood zone in my neighborhood. This is contrary to hazard mitigation!
- The cost to install hurricane windows was prohibitive.
- Yes, but answer may be in public improvement not individual home improvement.
- I’m not sure how I could make my house more resistant to flooding other than to raise it.

<table>
<thead>
<tr>
<th><strong>In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood?</strong></th>
</tr>
</thead>
</table>

### Community Outreach

- Community Outreach and public awareness
- Information sessions before severe weather conditions happen
- Information on what could be done
- Keep people informed
- Institution of texting or robocalls for potential hazardous situations
- Work with neighborhood and civil leagues to inform

### Stormwater Management

- Storm water management
- Better storm water runoff plan
- Proper drainage due to re-landscaping in preparation of light rail
- Increase drain size at the end of Tarrall, or at least aggressively lean it
- Install backflow valves in street drainage pipes at 13th View and Ocean View Ave.
- Keep the drain open and clear. Drains in my community Inglenook stay clog with pine stran and other items. Neighbors clear the street drains when it rains to help the water flow and reduce the amount of standing water
- Citizens and lawn care companies are blowing debris into streets. I see this all the time with lawn care companies. Enforcement is needed desperately. It fills up gutters and sewers and causes flooding
- Keep storm drains and ditches clear. Raise the level of low-lying roads and bridges when they are due for repairs.
- Make sure storm drains are not clogged
- Find another way for the street sweepers not to push leaves in the drainage, thereby causing it to stop up and the rain water backs up. I really think we need a better drainage system.
- Redesign of storm water sewer system
- The city needs to continue adding curbs and gutters. While my street is now safe, the street behind me still floods every time it rains.
Isle of Wight Public Survey Responses
Total Responses: 29
As of 4-29-11

<table>
<thead>
<tr>
<th>Areas are likely to be most impacted by a nor’easter storm. For each, delineate common sense precautions that a homeowner can take before and during a natural disaster to mitigate damage. • Communicate with citizens before and especially after an event, either by website or news announcements • Full funding of Emergency Services • Enhanced public awareness as to potential flood prone areas, particularly as related to storm surge with Cat 2 or higher hurricane potential.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that are important to you?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• I do not live in Isle of Wight but I work here as a social worker. I am interested helping areas come together to work together. • For the worst case scenario, a clear set of instructions on what the evacuation routes are. This includes both storm / natural disasters but also a disaster at the Surry Nuclear Power Station (the latter would likely require a reverse direction evacuation route). • Spread services out. Stop building superstations. • Hurricane evacuation with regards to flood prone roadways.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A number of community-wide activities can reduce our risk from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing.</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention</td>
<td>9</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td>Property Protection</td>
<td>17</td>
<td>6</td>
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</tr>
<tr>
<td>Natural Resource Protection</td>
<td>15</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>Structural Projects</td>
<td>15</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>Emergency Services</td>
<td>22</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Public Education and Awareness</td>
<td>17</td>
<td>6</td>
<td>0</td>
</tr>
</tbody>
</table>
### Isle of Wight Public Survey Responses
**Total Responses: 29**  
**As of 4-29-11**

| Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding? | Yes: 19  
No: 1  
I don't know: 9  
If no, please explain.  
- Common sense guidelines would be sufficient to motivate my wife and me to take steps to mitigate damage from natural disasters |
|---|
| In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood? | Have a professional assess each neighborhood and let the homeowners know what hazards there are that we’re not aware of, and suggestions of what we can do as homeowner and what the Town is willing to do to help mitigate those issues. For example, although our house is not in a flood zone, I work with Engineers and they have looked at my property (via map) and told me that I needed to get flood insurance because the ravine behind my house (although deep) could easily over flow and flood my house if there was a big surge of water. I would never have known that if they hadn’t told me. The problem is, when our local government sends out information on what we should do to protect our homes, it’s very general. I think if we’re going to get ahead of this and actually have people heed their advice, it would best serve residents if that information was based on their specific neighborhood.  
- making sure people are aware  
- Be aware of local people who have skills, talents or vehicles that could be of assistance.  
- Keep drainageways clear of debris and impediments  
- (Weather alerts have been a big help in recent years. I think the local government is doing what it needs to do at the present.) I cannot think of anything more to reduce or eliminate the risk of hazards.  
- 1. Clean ditches along roadway  2. Have farm fields utilize vegetative buffers at edge of fields to preclude erosion  
- Make sure the ditches are kept clear and the drain lines open. Do more updates/repairs on several places along 460 that floods even with a normal rain much less a heavy rain.  
- Educate the community on prevention strategies.  
- Re-build roads that are prone for river or coastal flooding.  
- Assessment of what risks where, e.g., a GIS map indicating what areas are truly flood prone, what |
14. A number of community-wide activities can reduce our risk from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing.

<table>
<thead>
<tr>
<th>Category</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Important</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Prevention</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Administrative or regulatory actions that influence the way land is developed and buildings are built. Examples include planning and zoning, building codes, open space preservation, and floodplain regulations.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2. Property Protection</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Actions that involve the modification of existing buildings to protect them from a hazard or removal from the hazard area. Examples include acquisition, relocation, elevation, structural retrofits, and storm shutters.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3. Natural Resource Protection</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Actions that, in addition to minimizing hazard losses also preserve or restore the functions of natural systems. Examples include: floodplain protection, habitat preservation, slope stabilization, riparian buffers, and forest management.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4. Structural Projects</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Actions intended to lessen the impact of a hazard by modifying the natural progression of the hazard. Examples include dams, levees, seawalls, detention/retention basins, channel modification, retaining walls and storm sewers.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>5. Emergency Services</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Actions that protect people and property during and immediately after a hazard event. Examples include warning systems, evacuation planning, emergency response training, and protection of critical emergency facilities or systems.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>6. Public Education and Awareness</strong></td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Actions to inform citizens about hazards and the techniques they can use to protect themselves and their property. Examples include outreach projects, school education programs, library materials and demonstration events.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THANK YOU FOR YOUR PARTICIPATION!

This survey may be submitted anonymously, however if you would like to receive information regarding upcoming public meetings for the hazard mitigation plan update please provide your name and contact information:

Name: ___________________________  
Address: ___________________________  
Phone: ___________________________  
Email: ___________________________  

Page 5 of 5
10. Would incentives such as insurance discounts, property tax breaks or low interest rate loans motivate you to take additional steps to protect your property from natural disasters and flooding?

☐ Yes  
☐ No  
☐ I don’t know

If no, please explain. ____________________________________________

11. What is the most effective way for you to receive information about how to make your home and neighborhood more resistant to hazards? Check all that apply

☐ Newspaper  
☐ Television  
☐ Radio  
☐ Direct mailings  
☐ Email  
☐ Community website  
☐ Public meetings  
☐ Other (please explain):

________________________________________

12. In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood?

________________________________________

________________________________________

________________________________________

________________________________________

________________________________________

________________________________________

13. Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that you think are important?

________________________________________

________________________________________

________________________________________

________________________________________

________________________________________
5. Does your street flood?
   - [ ] Yes
   - [ ] No

   If yes, please provide the street name or nearest intersection. ____________________________

   If yes, how many times did your street flood in the past year? ____________________________

6. Is your home located in a floodplain?
   - [ ] Yes
   - [ ] No
   - [ ] I don’t know

7. Do you have flood insurance?
   - [ ] Yes
   - [ ] No
   - [ ] I don’t know

   If no, please select reason:
   - [ ] Not located in floodplain
   - [ ] Too expensive
   - [ ] Not necessary because it never floods
   - [ ] Not necessary because I’m elevated or otherwise protected
   - [ ] Never really considered it
   - [ ] Other (please explain): ____________________________

8. Have you taken any actions to make your home or neighborhood more resistant to hazards?
   - [ ] Yes
   - [ ] No

   If yes, please explain. ____________________________

9. Are you interested in making your home or neighborhood more resistant to hazards?
   - [ ] Yes
   - [ ] No
1. **In what city, town, or county do you live?**
   - City of Norfolk
   - City of Portsmouth
   - City of Suffolk
   - City of Virginia Beach
   - City of Franklin
   - Isle of Wight County
   - Town of Smithfield
   - Town of Windsor
   - Southampton County
   - Town of Boykins
   - Town of Branchville
   - Town of Capron
   - Town of Courtland
   - Town of Ivor
   - Town of Newsons

2. **How concerned are you about the possibility of our community being impacted by a disaster?**
   - Extremely concerned
   - Somewhat concerned
   - Not concerned

3. **Have you ever experienced or been impacted by a disaster?**
   - Yes
   - No
   If yes, please circle the number of occurrences by disaster type.

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood</td>
<td>1 2 3 4 5+</td>
</tr>
<tr>
<td>Hurricane/Tropical Storm</td>
<td>1 2 3 4 5+</td>
</tr>
<tr>
<td>Tornado</td>
<td>1 2 3 4 5+</td>
</tr>
<tr>
<td>Wildfire</td>
<td>1 2 3 4 5+</td>
</tr>
<tr>
<td>Winter storm</td>
<td>1 2 3 4 5+</td>
</tr>
</tbody>
</table>

   Other (please list) ___________________________________________________________

4. **Please select the top three hazards you think are the highest threat to your neighborhood:**
   - Drought
   - Earthquake
   - Erosion
   - Extreme Temperatures
   - Flooding
   - Hurricanes/Tropical Storms
   - Landslides
   - Man-made Hazards (terrorism, hazardous chemical spill)
   - Mosquito Borne Disease
   - Sea Level Rise
   - Sinkholes
   - Severe Thunderstorms
   - Tornadoes
   - Wildfires
   - Winter Storms (Ice, Snow)

   Is there another hazard not listed above that you think is a wide-scale threat to your neighborhood?
   - Yes
   - No

   If yes, please list the threat. __________________________________________________
PUBLIC PARTICIPATION SURVEY

HAZARD MITIGATION PLANNING

We need your help!

Our community is currently engaged in a planning process to become less vulnerable to disasters, and your participation is important to us!

The City of Virginia Beach, the City of Norfolk, the City of Portsmouth, the City of Suffolk and Isle of Wight County (including the Towns of Windsor and Smithfield) are working together to update their multi-jurisdictional Hazard Mitigation Plan. The City of Franklin and Southampton County are simultaneously updating their respective Hazard Mitigation Plans, as well. The purpose of these plans is to identify and assess each community’s natural hazard risks (such as floods, hurricanes, nor’easters, and ice storms), and determine how to best minimize or manage those risks. Upon completion, the plan will be presented to each local governing body for adoption and submitted to the Virginia Division of Emergency Management and Federal Emergency Management Agency for review and approval.

This survey questionnaire provides an opportunity for you to share your opinions and participate in the mitigation planning process. The information you provide will help us better understand your hazard concerns and can lead to mitigation activities that should help lessen the impact of future hazard events.

Please help us by completing this survey and returning it to:

Hampton Roads Planning District Commission
Attn: Richard Flannery, Emergency Management Administrator
723 Woodlake Drive
Chesapeake, VA 23320

If you have any questions regarding this survey, or would like to learn about more ways you can participate in the development of our Hazard Mitigation Plan, please contact Richard Flannery at (757) 420-8300 or visit www.remtac.org/mitigation.
disaster that has occurred. Getting law abiding at risk youth and adults involved in self reliance and emergency preparedness, training community leaders to respond can help to mitigate that situation.

- Yes. Regulation of hazardous materials (hazmat) transport, including sea carriers.
- Security from terrorism flooding of areas that are lower than the area I live at
- Keeping main streets from over flooding so that cars can get keep moving
- Water quality
- Pets and farm animals are of a great concern to many as well as elderly living alone and needing assistance in times of hazards and disasters. Also, receiving information when the electricity is out sometimes for days
- Yes that fire and safety can adequately cover the city when there is a disaster.
- Bridges, rivers, trees, streets

<table>
<thead>
<tr>
<th>A number of community-wide activities can reduce our risk from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing.</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention</td>
<td>106</td>
<td>27</td>
<td>2</td>
</tr>
<tr>
<td>Property Protection</td>
<td>62</td>
<td>61</td>
<td>9</td>
</tr>
<tr>
<td>Natural Resource Protection</td>
<td>91</td>
<td>37</td>
<td>5</td>
</tr>
<tr>
<td>Structural Projects</td>
<td>83</td>
<td>46</td>
<td>6</td>
</tr>
<tr>
<td>Emergency Services</td>
<td>125</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>Public Education and Awareness</td>
<td>108</td>
<td>27</td>
<td>1</td>
</tr>
</tbody>
</table>