Local Mitigation Strategy and Floodplain Management Plan Update

Opportunities in Reducing Threats in the Community

Public Works Administration
Technical Services, Hazard Mitigation
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Infrastructure and Development Services
Welcome – Our Community During Blue Sky Times!

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### A Sample of Risk & Threat Assessments: NATURAL DISASTERS

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Probability</th>
<th>Consequence</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>High</td>
<td>Major</td>
<td>2 to 3 Years</td>
</tr>
<tr>
<td>Hurricane, Minor</td>
<td>High</td>
<td>Moderate</td>
<td>2 years</td>
</tr>
<tr>
<td>Hurricane, Major</td>
<td>Moderate</td>
<td>Major</td>
<td>50 years</td>
</tr>
<tr>
<td>Wildfire</td>
<td>High</td>
<td>Minor</td>
<td>Multiple Annually</td>
</tr>
<tr>
<td>Flooding</td>
<td>Moderate</td>
<td>Minor to Moderate</td>
<td>5 to 10 Years</td>
</tr>
<tr>
<td>Sink Holes</td>
<td>Moderate</td>
<td>Minor</td>
<td>Multiple Annually</td>
</tr>
<tr>
<td>Drought</td>
<td>Low</td>
<td>Minor to Moderate</td>
<td>5 to 10 Years</td>
</tr>
</tbody>
</table>
What is MITIGATION?

**Mitigation:** Any action taken to prevent or reduce damages (loss of life and property) associated with natural or manmade disasters

**Forms of MITIGATION:**

- Land-Use Management
- Zoning
- Construction & Making your Building Stronger
- Regulation and Standard Implementation within High Risk Areas
- Working with Industry
- Retrofitting Structures, Public Outreach and Education

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**Viewer Tools**

**Flood Information**

**HEAT**

**River Gauge**

**Water Atlas**
[http://www.wateratlas.usf.edu/](http://www.wateratlas.usf.edu/)

**NFIP Flood Maps**
[www.msc.fema.gov](http://www.msc.fema.gov)

**Federal Alliance for Safe Homes**
[www.flash.org](http://www.flash.org)

**Institute for Business and Home Safety**
[www.ibhs.org](http://www.ibhs.org)

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ACCOMPLISHMENTS (samples)

- Stormwater Facilities
- Facility Retrofits and Hardening
- Repetitive Flood Loss Mitigation
- Neighborhood Outreach Programs

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Risks \ Threats

- Coastal Erosion
- Hurricanes (Minor and Major)
- Flooding
- Drought
- Extreme Heat
- Sinkholes
- Thunderstorms
- Lightning
- Tornado
- Wildland Fire
- Tsunami
- Winter Storm
- Port Vessel Collision
- Dam\Levee Failure
- Terrorism
- Hazardous Materials\Transportation
- Hazardous Materials\Fixed Facility
- Utility Failure\Power Outages

Are there any threats not listed that could affect you and your home?

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Mitigation

Threat Reduction Techniques

Look at the enlarged FLASH cards and let us know if the actions listed are sufficient to protect you and your home?
Community Mitigation Projects

- Retrofitting Buildings
- Building to Higher Standards
- Stormwater Facilities

Do these possible projects reduce threats in our community?

Do you have any suggestions for new projects?