APPENDIX D
PLANNING PROCESS DOCUMENTATION

This appendix includes the following:

1. Meeting Agendas
2. Meeting Minutes
3. Meeting Sign-In Sheets
4. Public Survey Advertisements
5. Public Survey Results
6. Designation Letters
7. Surrounding County Contact Email
AGENDA
MEMA District 9 Regional Hazard Mitigation Plan
Hazard Mitigation Council Meeting
August 30, 2016
10:00 AM – Noon

1) Introductions

2) Overview of Mitigation/Icebreaker Exercise

3) Project Overview
   a) Key Objectives
   b) Project Tasks
   c) Project Schedule
   d) Project Staffing

4) Data Collection
   a) GIS Data Inventory
   b) Capability Assessment Survey
   c) Public Participation Survey
   d) Existing Mitigation Actions

5) Roles & Responsibilities
   a) Atkins
   b) County Leads
   c) Participating Jurisdictions

6) Next Steps
   a) Data collection efforts
   b) Begin public outreach
   c) Identify Municipal Points of Contact

7) Questions, Issues, or Concerns
AGENDA
MEMA District 9 Regional Hazard Mitigation Plan
Mitigation Strategy Meeting
December 13, 2016
10:00 AM – Noon

1) Introductions

2) Mitigation Refresher

3) Project Schedule

4) Risk Assessment Findings
   a) Hazard History and Profiles
   b) Conclusions on Risk: PRI

5) Capability Assessment Findings
   a) Indicators
   b) Results

6) Public Involvement Activities

7) Mitigation Strategy
   a) Current Goals/Actions
   b) New Actions
   c) Discussion

8) Next Steps
   a) Mitigation Actions
   b) Other Documentation Needed

9) Questions, Issues, or Concerns
AGENDA
MEMA District 9 Regional Hazard Mitigation Plan
Harrison County Meeting
February 8, 2017
10:00 AM – Noon

1) Introductions

2) Mitigation Refresher

3) Project Schedule

4) Risk Assessment Findings
   a) Hazard Profiles
   b) Conclusions on Risk: PRI

5) Capability Assessment Findings
   a) Indicators/Results

6) Mitigation Strategy
   a) Current Goals/Actions
   b) New Actions
   c) Working on Action Updates

7) Next Steps
   a) Mitigation Actions
   b) Other Documentation Needed

8) Questions, Issues, or Concerns
Ryan Wiedenman, Project Manager from the project consulting team, Atkins, started the meeting by welcoming the representatives from each county, participating municipal jurisdictions, and other stakeholders.

Mr. Wiedenman led the kickoff meeting and began by providing an overview of the items to be discussed at the meeting and briefly reviewed each of the handouts that were distributed in the meeting packets (agenda, project description, and presentation slides). He then provided a brief overview of mitigation and discussed the Disaster Mitigation Act of 2000.

He gave a list of the participating jurisdictions for the regional plan, noting that every local government in the region is participating in an existing county-level or municipal-level hazard mitigation plan. These plans expire at various times over the next several years, so the planning team will plan to develop a draft to submit to FEMA by early 2017.

Mr. Wiedenman then explained the six different categories of mitigation techniques (emergency services; prevention; natural resource protection; structural projects; public education and awareness; and property protection) and gave examples of each. This explanation culminated with an Ice Breaker Exercise for the attendees.

Mr. Wiedenman instructed attendees on how to complete the exercise. Attendees were given an equal amount of fictitious FEMA money and asked to spend it in the various mitigation categories. Money could be thought of as grant money that communities received towards mitigation. Attendees were asked to target their money towards areas of mitigation that are of greatest concern for their community. Ideally, the exercise helps pinpoint areas of mitigation that the community may want to focus on when developing mitigation grants. Mr. Wiedenman also presented the Ice Breaker Exercise results which were:

- Prevention- $92
- Property Protection- $66
- Natural Resource Protection- $38
- Structural- $54
- Emergency Services- $52
- Public Education- $18

Mr. Wiedenman then discussed the key objectives and structure of the planning process, explaining the specific tasks to be accomplished for this project, including the planning process, risk assessment, vulnerability assessment, capability assessment, mitigation strategy and action plan, plan maintenance procedures, and documentation. The project schedule was presented along with the project staffing chart, which demonstrates the number of experienced individuals that will be working on this project. The data collection needs and public outreach efforts were also discussed.
Mr. Wiedenman then reviewed the roles and responsibilities of Atkins, participating jurisdictions, and stakeholders. The presentation concluded with a discussion of the next steps to be taken in the project development, which included discussing data collection efforts, public outreach, and the next meeting for the RHMC.

The meeting was opened for questions and comments, but nothing of note was brought up from a technical perspective.

Mr. Wiedenman thanked everyone for attending and identified himself as the point of contact for any questions or issues. The meeting was adjourned.
Mr. Ryan Wiedenman with Atkins welcomed everyone to the meeting and went over safety and administrative topics. He then went on to discuss the findings and information that Atkins pulled together since the kickoff meeting.

Mr. Wiedenman initiated the meeting with a review of the meeting handouts, which included an agenda, presentation slides, proposed goals for the plan, capability assessment tables, mitigation actions from each community’s existing plans, critical facilities, and repetitive loss request letters. Mr. Wiedenman reviewed the project schedule and stated that a draft of the Hazard Mitigation Plan would be presented to the Hazard Mitigation Council in February.

He then presented the findings of the risk assessment, starting with a review of the Presidential Disaster Declarations that have impacted the region. He then explained the process for preparing Hazard Profiles and discussed how each hazard falls into one of five categories: Flood-related, Fire-related, Geologic, Wind-related, and Other hazards. He indicated that each hazard must be evaluated and then profiled and assessed to determine a relative risk for each hazard.

Mr. Wiedenman reviewed the Hazard Profiles and the following bullets summarize the information presented:

**Flood-Related Hazards**

- **DAM/LEVEE FAILURE.** There have been 4 recorded dam failures in the region according to the State HMP. There are 7 high hazard dams in the region. Future occurrences are possible.

- **EROSION.** There have been significant instances of major erosion reported in the past, especially along the barrier islands, some of which are eroding at a rate of 6 to 8 meters per year.

- **FLOOD.** There have been 168 flood events recorded in MEMA District 9 since 1996, resulting in over $12.1 million in property damage per NCDC. There have been 71,772 NFIP losses since 1978 and approximately $5.45 million in claims. Future occurrences are highly likely.

- **STORM SURGE.** The previous occurrences of storm surge coincide with the hazard history for hurricanes/tropical storms. Many areas of coastal Mississippi would be inundated by storm surge, in some cases at depths of over 9 feet.

- **TSUNAMI.** No history of tsunamis in the Gulf of Mexico, so future occurrences are unlikely. However, there is some possibility that a sub-marine landslide could cause a tsunami.
Fire-Related Hazards

- **DROUGHT.** There have been nine years (out of the past seventeen, 2000-2016) where drought conditions have been reported as severe to exceptional in the region and future occurrences are likely.

- **LIGHTNING.** There have been 57 recorded lightning events reported by the National Climatic Data Center (NCDC) since 1996 and coastal Mississippi is in one of the highest risk zones in the country for lightning. Future occurrences are highly likely.

- **WILDFIRE.** There is an average of 464 fires per year reported in the region. These burn an annual average of 8,297 acres. Future occurrences are highly likely.

Geologic Hazards

- **EARTHQUAKES.** There have been 7 recorded earthquake events in MEMA District 9 since 1886. The strongest had a recorded magnitude of V MMI. Future occurrences are possible.

Wind-Related Hazards

- **EXTREME COLD.** There have been 8 recorded extreme cold events reported by the National Climatic Data Center (NCDC) since 1996. Cold spells of 15-20 degrees Fahrenheit indicate that extreme cold could impact the region. Future occurrences are possible.

- **EXTREME HEAT.** There have been 8 recorded extreme heat events reported by the National Climatic Data Center (NCDC) since 1996. Heat extents of 105 degrees indicate that extreme heat is a hazard of concern for the region. Future occurrences are highly likely.

- **HAILSTORM.** There have been 310 recorded events since 1950. Future occurrences are highly likely.

- **HURRICANES AND TROPICAL STORMS.** NOAA data shows that 119 storm tracks have come within 100 miles of the region since 1842, including 12 that caused disaster declarations. Future occurrences are highly likely.

- **SEVERE THUNDERSTORM/HIGH WIND.** There have been 704 severe thunderstorm/high wind events reported since 1950 with $11.0 million in reported property damages. Two deaths have been reported. Future occurrences are highly likely.

- **TORNADOES.** There have been 283 recorded tornado events reported in the region since 1950. $383.5 million in property damages. 6 deaths and 170 injuries have been reported. Future occurrences are highly likely.

- **WINTER WEATHER.** There have been 23 recorded winter weather events in the region since 1996. Future occurrences are likely.
Other Hazards

- **CLIMATE CHANGE/SEA LEVEL RISE.** Climate change and sea level rise are likely to impact the region going forward. This hazard will exacerbate other hazards such as extreme heat, drought, and flood. It will also likely produce more frequent strong storms. Sea level rise of three feet may occur and would inundate many coastal areas.

- **INFECTIOUS DISEASE.** Several types of infectious disease may impact the region, but the region is especially susceptible to mosquito-borne illnesses. Communicable diseases such as influenza also pose a threat.

- **HAZARDOUS MATERIALS INCIDENT/TRAIN DERAILMENT.** There have been 473 hazardous materials incidents reported by the PHMSA since 1971. 41 of these were serious incidents. The largest was a spill of 96,000 LGA in Carriere in 1980.

The results of the hazard identification and profiling process were used to generate a Priority Risk Index (PRI), which categorizes and prioritizes potential hazards as high, moderate or low risk based on probability, impact, spatial extent, warning time, and duration. The highest PRI was assigned to Hurricane/Tropical Storm and Flood followed by Severe Thunderstorm/High Wind, Storm Surge, and Tornado.

In concluding the review of Hazard Profiles, Mr. Wiedenman stated if anyone had additional information for the hazard profiles, or had concerns with any of the data presented, they should call or email him.

Mr. Wiedenman presented the Capability Assessment Findings. Atkins has developed a scoring system that was used to rank the participating jurisdictions in terms of capability in four major areas (Planning and Regulatory; Administrative and Technical; Fiscal; Political). Important capability indicators include National Flood Insurance Program (NFIP) participation, Building Code Effective Grading Schedule (BCEGS) score, Community Rating System (CRS) participation, and the Local Capability Assessment Survey conducted by Atkins.

Mr. Wiedenman reviewed the Relevant Plans and Ordinances, Relevant Staff/Personnel Resources, and Relevant Fiscal Resources. All of these categories were used to rate the overall capability of the participating counties and jurisdictions. Most jurisdictions are in the moderate range for Planning and Regulatory Capability and in the moderate range for Fiscal Capability. There is variation between the jurisdictions for Administrative and Technical Capability, though a large majority have access to staff with GIS and planning experience. Based upon the scoring methodology developed by Atkins, it was determined that most of the participating jurisdictions have moderate capability to implement hazard mitigation programs and activities.

Mr. Wiedenman also discussed the results of the public participation survey that was posted on several of the participating counties’ and municipal websites. As of the meeting date, 485 responses had been received. Mr. Wiedenman explained that the survey would close in February, so the RHMC could make one final push to get the survey out to the public. Based on preliminary survey results, respondents felt that Hurricane/Tropical Storm posed the greatest threat to their neighborhood, followed by Severe Thunderstorm/High Wind and Storm Surge. 88 percent of the respondents were interested in making
their homes more resistant to hazards. However, 31 percent don’t know who to contact regarding reducing their risks to hazards.

Mr. Wiedenman gave an overview of Mitigation Strategy Development and presented the existing goals for each plan as well as a set of recommended goals that Atkins developed based on the previous plans’ goals. The Hazard Mitigation Council accepted the proposed goals for the plan. Mr. Wiedenman then provided an overview and examples of suggested mitigation actions for MEMA District 9 counties and their municipalities. Mr. Wiedenman then asked each county and the municipalities to provide a status update for their existing mitigation actions (completed, deleted, or deferred) by January 13, 2016. Mr. Wiedenman also asked council members to include any new mitigation actions by that date.

Mr. Wiedenman thanked the group for taking the time to attend and explained that if council members had any issues or questions about the planning process or their next steps, they could contact him. The meeting was adjourned.
Mr. Rupert Lacy of Harrison County Emergency Management began the meeting by explaining that, in an effort to enhance local stakeholder involvement, Harrison County requested a county-level meeting as part of the plan development process that was to include the various stakeholder groups from within the county that might have an interest in mitigation, such as the hospital and the air force base. At this meeting, the primary focus would be to gain feedback from these other stakeholder groups on potential mitigation actions and projects that they would like to implement.

Mr. Lacy then turned the meeting over to Mr. Ryan Wiedenman of Atkins who gave the stakeholders a brief overview of the work that had been completed on the plan so far and provided a summary of the risk assessment and capability assessment information that was presented at the last regional-level meeting of the HMC. No major comments were received on this information.

Mr. Wiedenman then went on to lead an open discussion of existing actions from each community’s existing hazard mitigation plan. Existing actions were provided to all members who reviewed these actions and provided updates on any progress that had been made on the actions.

After this discussion was complete, the remainder of the time was spent developing new actions and projects that could be included in the updated version of the plan. Many stakeholders provided ideas that they would like to have included in the plan and there was significant discussion on the various projects throughout the community that were desired. After recording many of these ideas and updates, Mr. Wiedenman stated that if there were any additional ideas that came up in discussions after the meeting, that they could be emailed to him to include in the mitigation action plan.

Mr. Wiedenman then thanked the group for attending and explained the next steps that would be taken to prepare the draft plan. The meeting was adjourned.
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# MEMA District 9 Regional Hazard Mitigation Plan

**Harrison County Meeting**

**February 8, 2017**

**10:00AM-12:00PM**

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<td><a href="mailto:dkingman@mge.state.ms.us">dkingman@mge.state.ms.us</a></td>
</tr>
<tr>
<td>Michelle Watts</td>
<td>Admin. Asst. IOPS</td>
<td>Harrison Co. EMA</td>
<td>(228) 865-4002</td>
<td><a href="mailto:mwatts@co.harrison.ms.us">mwatts@co.harrison.ms.us</a></td>
</tr>
<tr>
<td>Fred Garfield</td>
<td>VP Admin</td>
<td>MHHG</td>
<td>865-3407</td>
<td></td>
</tr>
</tbody>
</table>

**ATKINS**
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Organization</th>
<th>Phone Number</th>
<th>E-mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bruce Edmondson</td>
<td>Operations Officer</td>
<td>HCEMS</td>
<td>(228) 865-4602</td>
<td><a href="mailto:baedmondson@co.harrison.ms.us">baedmondson@co.harrison.ms.us</a></td>
</tr>
<tr>
<td>Lee Howard</td>
<td>Director</td>
<td>HCEMA</td>
<td>228-865-4602</td>
<td><a href="mailto:leehoward@co.harrison.ms.us">leehoward@co.harrison.ms.us</a></td>
</tr>
</tbody>
</table>
Public Survey Advertisements

Harrison County
Building Code and Code Enforcement Office

Phone: (228)452-3316 or 452-3324  
FAX: (228)452-3044  
EMAIL: codesoffice@citypasschristian.ms.us

Address: 200 W. Scenic Drive, Pass Christian, MS 39571  
Hours: 8:00-4:30 M-F

Office Administrator: Amelia Perdomo

Code Enforcement Official: Shad Jeanfeau, EMAIL: shad@citypasschristian.ms.us

Building Inspector: Shad Jeanfeau

Electrical Inspector: Dwayne Mallin

City Planner: MS Danit Simon EMAIL: passplanning@gmail.com  
Cell: (228) 257-0201 Phone: (228) 840-0440

Planning and Zoning Page

ONLINE GIS MAPS

(NEW) Please help us by completing this survey by October 31, 2016.
George County

News Releases & In the News
Click an article or headline to view the full news release.

Top Stories
- Board approves 2017 budget with no County-wide tax increase
  Release Date: 04/15/16
- Licensed Nursing Survey for George County Residents
  QuickLink to QRANK Survey
  Release Date: 03/25/16
- Old Hwy. #1 Road Improvement project begins
  Culvert replacement work begins Aug. 16
  Release Date: 08/05/16, Updated: 08/14/16
- George County annual Spring Permits
  County begins annual Spring Permits
  By: Royce Armstrong, SC Times 08/04/16

2016 Releases
- 2015/16 Forecast for Projected State Permits
  Release Date: 07/05/16
- County’s top annual Watermelon Fan Day on July 9
  Release Date: 07/06/16
- County issues three new fire trucks
  By: WCBO News 06/30/16
- George County announces closure of Peterson Road for June 3-6
  Release Date: 05/31/16
- Supervisor travels to DC for Economic Development
  By: Royce Armstrong, SC Times 06/01/16
- Chamber teams with County to restore Hwy. 50 Welcome Signs
PUBLIC PARTICIPATION SURVEY
FOR HAZARD MITIGATION PLANNING

We need your help! Please take a few minutes to complete this survey.

The Counties of George, Hancock, Harrison, Jackson, Pearl River, and Stone are working together to become less vulnerable to natural hazards, such as hurricanes, tornadoes, and floods, as well as man-made hazards, including hazardous materials incidents, and your participation is important to us.

The counties, along with local jurisdictions and other partners, are working to prepare a multi-jurisdictional Hazard Mitigation Plan. This plan will identify and assess our community's natural and man-made hazard risks and determine how to mitigate, or minimize and manage, those risks.

This survey is 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 impacts of future hazard events.

Please click on the link below to complete the survey. Thank you.

http://www.surveymonkey.com/s/Public-Participation-Survey-for-George-County-Mississippi
HELP US PLAN AHEAD BEFORE DISASTER STRIKES
TAKE THE
HAZARD MITIGATION PLANNING SURVEY
PUBLIC PARTICIPATION SURVEY
FOR EXCESS MOTIVATION PLANNING

We want your help Now is the time to complete the survey.

The United States Geological Survey, Habitat Authority, has been evaluated to assess how flood hazard maps are generated. The maps are used to estimate future flood risk and to provide flood-risk information to decision-makers. The maps are also used to determine the potential for flooding and to identify areas that may be at risk of flooding.

The survey is an opportunity to provide your opinion and assist us in developing your flood-risk information. Your opinion and comments will be used to improve flood-risk information and to ensure that the information is accurate and reliable.

Please help us by completing this survey by October 31, 2016, and returning it to

[Address]

[Date]

Survey covered by Novation (1836-6490) or contact [Name] at [Email] to

[Address]

[Date]

1. Where do you live?
- [ ] Hancock County
- [ ] Harrison County
- [ ] Washington County
- [ ] Hancock County
- [ ] Jackson County
- [ ] Washington County
- [ ] Hancock County
- [ ] Harrison County
- [ ] Franklinton
- [ ] Picayune
- [ ] Gulfport
- [ ] Long Beach
- [ ] Lumberton
- [ ] Moss Point
- [ ] Pass Christian
- [ ] Pascagoula
- [ ] Pascagoula
- [ ] Wiggins
- [ ] Dela...
City of D'Iberville

City News

Public Participation Survey for Hazard Mitigation Planning (FEMA 9)
Oct 27, 2016

Hurricane Preparedness Season begins May 15th - May 21st
Apr 25, 2016

10th Annual D'Iberville BBQ Throw-Down & Festival
Jan 19, 2016

Hurricane Prep Links
Oct 26, 2015

Mall Outreach Project (Hurricane Awareness)
May 29, 2015

Hurricane Season Begins June 1st - November 30th.
May 28, 2015

Walmart stores opening Wednesday

National Hurricane Preparedness Week Begins May 24th - May 30th.
May 24, 2015
Public Participation Survey for Hazard Mitigation Planning (MEMA 9)

The City of D'Iberville is working with a number of counties and communities in the MEMA District 9 Region to develop a hazard mitigation plan which will act as a guide for our community to become less vulnerable to natural hazards, such as hurricanes, tornadoes, and floods. Your participation in this process is important to us and this survey is an opportunity for you to share your opinions and participate in the 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 impacts of future hazard events. The survey is located on our Flood Management page.

CLICK HERE TO ACCESS THE SURVEY
Important Announcements

New Announcement (10/27/2016)
A new MEMA Hazard Mitigation Survey is available now.
You may complete a paper survey and mail it in or you may complete the on-line survey.
Download paper survey available here.
(please download, print and return via USPS)
Or you may click here for the on-line survey.
Welcome to Pearl River County!

We need your help! Please take a few minutes to complete this survey.

Pearl River County was officially organized by an act of the Legislature in February, 1850, on lands taken from Marion and Hancock Counties. The land area of the new county had earlier been a part of the short-lived Pearl County. Pearl County was officially formed in 1872. The county courthouse was located in a Masonic building which burned not long after the county was formed, destroying all its early records. Because of financial problems, a sparse population and a limited tax base, Pearl County was abolished in 1878 and the land was returned to Marion and Hancock Counties.

Prior to the establishment of Pearl River County, a rail line, the New Orleans and Northeastern, was built through the area, and it aided greatly the area’s population growth.

Pearl River County’s seat of government, Poplarville, was named after “poplar” Jim Smith, who had owned the land on which it was located. Incorporated March 4, 1886, Poplarville boasted 236 residents in 1890 when Pearl River County was formed. The first Pearl River County courthouse was built in 1892 at a cost of $8,298. The original courthouse later housed the Pearl River County Hospital and then offices of the county welfare department.

The first school in the county opened in Lumberton in 1890, and two years later, a school opened at Poplarville.

In 1900, the young county suffered a setback when residents of one of its two main towns, Lumberton, voted to become a part of neighboring Lamar County. However, in 1906 it received a tremendous boost when an area approximately one-third the size of the original Pearl River County was taken from Hancock County and added to it. With the addition of this new territory, Pearl River County reached its present size of 826 square miles, making it the fourth largest of Mississippi’s 82 counties.

Included in the added territory was the town of Picayune. Incorporated September 30, 1904, Picayune had a population of 846 by 1910, and it has since become Pearl River County’s largest city.

In 1867, a young lawyer-minister-farmer from Pearl River County, Theodore Gilmore Bilbo, was elected to the Mississippi Senate, beginning a long political career which took him twice to the governor’s mansion and finally to a 12-year tenure in the United States Senate. History shows that Bilbo was an ardent supporter of Reconstruction, but he then turned to the Republican party and his first term (1867-1870).
Emergency Management

Emergency Management Director and Fire Services Coordinator
Danny Manley
Office: 601 796 3068
Call: 601 273 1394
Fax: 601 796 3074
Email: dmanley@pearlrivercounty.net

Communications Officer
David Moore
Office: 601 796 3068
Call: 601 273 1394
Fax: 601 796 3074
Email: dmoore@pearlrivercounty.net or dmoore@prceoc.net

PUBLIC PARTICIPATION SURVEY
FOR HAZARD MITIGATION PLANNING

We need your help! Please take a few minutes to complete this survey.

The Counties of George, Hancock, Harrison, Jackson, Pearl River, and Stone are working together to become less vulnerable to natural hazards, such as hurricanes, tornadoes, and floods, as well as man-made hazards, including hazardous materials incidents, and your participation is important to us!

The counties, along with local jurisdictions and other partners, are working to prepare a multi-jurisdictional Hazard Mitigation Plan. This Plan will identify and assess our community’s natural and man-made hazard risks and determine how to best mitigate, or minimize and manage, those risks.

This survey is 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 impacts of future hazard events.

Please help us by completing this survey by October 31, 2016

Complete the Survey Online
Download and Mail the Survey

FEMA Disaster Declaration
Flood Recovery Information 3-31-2016
Welcome to the City of Lucedale

Lucedale, the city where "People and Progress Meet", invites you to come visit us! Once you've experienced the charm and amenities of Lucedale, we know that you'll want to become a part of our beautiful Mississippi community.

Lucedale is a great place to live. We offer residents superior education opportunities, high quality health care facilities and strong local leadership. You'll also enjoy a wide variety of religious, recreational and housing opportunities.

Thanks to the dedicated efforts of our committed citizens, we host a variety of annual events. Be sure to check out our CALENDAR for dates and details on these special occasions, as well as other events and meetings held throughout the year. Come see us and enjoy Lucedale, where our community spirit and pride makes all the difference.
Stone County
Emergency
Management needs your help to update our Hazard Mitigation Plan

Please fill out the provided survey to help us gather information on your concerns throughout the county. Feel free to take extra surveys for friends and family that would like to participate as well. Surveys can be returned as indicated on the form.
Stone County
Emergency Management needs your help to update our Hazard Mitigation Plan

Please fill out the provided survey to help us gather information on your concerns throughout the county. Feel free to take extra surveys for friends and family that would like to participate as well. Surveys can be returned as indicated on the form.
Hancock County Emergency Management Agency needs your help to update our Hazard Mitigation Plan.

Please fill out the provided survey to gather information on hazards throughout the County. Fill out the survey for lands and bodies that would be impacted. Surveys can be dropped off at the Hancock County Emergency Management Office at 300 Municipal Center North.
Hancock County Emergency Management Agency needs your help to update our Hazard Mitigation Plan

Please fill out the provide survey to gather information on concern throughout the County. Fill Extra to take extra surveys for friends and family that would like to share their ideas. Surveys can be dropped off at the Hancock County Emergency Management Office at 1309 HRST 465, Abbe.

Thank you,

[Signature]
Brian T. Adam
EPA Director
Hancock County, MS Emergency Operations Center
@hancockmseoc

Home
About
Photos
Likes
Events

Posts

Hancock County, MS Emergency Operations Center
2 hrs

Public Participation Survey for Hazardous Mitigation Planning

We need your help! Please take a few minutes to complete this survey.

The Counties of George, Hancock, Harrison, Jackson, Pearl River and Stone are working together to become less vulnerable to natural hazards such as hurricanes, tornadoes and floods, as well as man-made hazards, including hazardous materials incidents and your participation is important to us. See More

Public Participation Survey for Hazard Mitigation Planning (MEMA 9)
Public Participation Survey for Hazard Mitigation Planning (MEMA 9).

SURVEYGIZMO.COM
MEMA District 9
Regional Hazard Mitigation Plan
Public Participation Survey Results

Photo Source: FEMA Media Library
Public Participation Survey

• Provides an opportunity for the public to share opinions and participate in the planning process
• Link to survey posted on county and city websites
• 538 completed surveys received
Public Participation Survey Highlights

- 88% of respondents are interested in making their homes safer from hazards
- 56% have already taken action to make their homes safer from hazards
- 32% do not know who to contact regarding risks from hazards
1. Where do you live?

- Unincorporated George Co.
- Lucedale
- Unincorporated Hancock Co.
- Bay St. Louis
- Diamondhead
- Waveland
- Unincorporated Harrison Co.
- Biloxi
- D'Iberville
- Gulfport
- Long Beach
- Pass Christian
- Unincorporated Jackson Co.
- Gautier
- Moss Point
- Ocean Springs
- Pascagoula
- Unincorporated Pearl River Co.
- Picayune
- Poplarville
- Unincorporated Stone Co.
- Wiggins
- Other

“Other” responses:
- Madison, MS
- Coden, AL
- Jonesboro, AR
2. Is your home in a floodplain?

- Yes: 25.4%
- No: 62.3%
- I don't know: 12.3%
3. Do you have flood insurance?

- Yes: 43.8%
- No: 52.5%
- I don't know: 3.7%
3a. Why no flood insurance?

- Not located in floodplain: 49.8%
- Too expensive: 13.4%
- Not necessary: it never floods: 14.1%
- Not necessary: elevated or otherwise protected: 10.3%
- Never really considered it: 4.1%
- Other: 8.2%

“Other” responses:
- Rent
- Self-insured
4. Have you experienced a disaster?

- Yes: 89.7%
- No: 10.3%
4a. Examples of disasters experienced

- Drought: 2.6%
- Earthquake: 4.6%
- Flood: 0.8%
- Hailstorm: 0.2%
- HAZMAT Incident / Oil Spill: 1.6%
- Hurricane / Tropical Storm: 0.2%
- Lightning: 1.8%
- Severe Storm / High Wind: 0.2%
- Tornado: 0.4%
- Wildfire: 1.6%
- Winter / Ice Storm: 3.0%
- Other: 83.9%

“Other” responses:
- House fire
- Electrical accident
- Riots
- Power outage
- Traffic
- West Nile Virus
- Pollution
- Man-made
5. How concerned about possibility of being impacted by disaster?

- 1 - Not at all: 24.6%
- 2 - Slightly: 6.7%
- 3 - Moderately: 28.5%
- 4 - Very: 38.6%
- 5 - Extremely: 1.6%

MEMA DISTRICT 9 HAZARD MITIGATION PLAN | PUBLIC PARTICIPATION SURVEY RESULTS
6. Hazards of greatest concern?

- Hurricane / Tropical Storm: 471 responses
- Severe Thunderstorm / High Wind: 190 responses
- Storm Surge: 180 responses
- Tornado: 169 responses
- Flood: 137 responses
7. Other hazards not listed?

- Terrorism
- Active shooter
- Bomb threat
- Civil unrest/riots
- Water contamination/pollution
- Drugs/gangs/crime
- Electromagnetic pulse (EMP)
- Pipeline failure
- Plane crash
- Nuclear incident
8. How prepared if disaster occurs?

- 54.4% Extremely
- 29.0% Very
- 10.3% Moderately
- 3.7% Slightly
- 2.6% Not at all
9. Taken action to be safer from hazards?

- Yes: 55.6%
- No: 44.4%
9a. Examples of actions taken

- Debris / Object / Tree Removal: 14.7%
- Storm Shelter / Safe Room: 37.9%
- Preparedness / Emergency Planning: 42.5%
- Drainage Improvements / Maintenance: 1.5%
- House Retrofit / Repair / Protection: 3.4%
10. Interested in being safer from hazards?

- Yes: 88.4%
- No: 11.6%
11. How informed about risks and impacts of disasters?

- 1 - Not at all: 1.3%
- 2 - Slightly: 7.2%
- 3 - Moderately: 30.2%
- 4 - Very: 48.4%
- 5 - Extremely: 12.9%
12. Know who to contact regarding risks from hazards?

- Yes: 68.5%
- No: 31.5%
13. Preferred way to receive info. about being safer from hazards?

- Newspaper: 32.6%
- Television: 58.3%
- Radio: 33.5%
- Internet: 55.5%
- Social media: 36.9%
- Email: 55.5%
- Mail: 20.8%
- Public workshops / meetings: 4.0%
- School meetings: 3.8%
- Other: 3.8%
13. Other ways to receive information

- Council meetings
- Fire Department
- Work/co-workers
- Word of mouth/neighbor-to-neighbor
- Webinars/online trainings
- Experts/professionals
- Networking
14. Preferred way to receive alerts/warnings about hazard events?

- Television: 70.9%
- Cell phone: 58.9%
- Text message: 49.6%
- Radio: 28.7%
- Facebook: 11.2%
- Twitter: 3.8%
- Other: 4.6%
14. Other ways to receive alerts/ warnings

- NOAA Weather Radio
- Email
- EMA websites/facebook pages
15. Steps local gov’t could take to reduce risk

- Alert / Warning System: 16.6%
- Improve Communication / Coordination: 11.1%
- Emergency / Storm Shelters: 4.1%
- Evacuation: 1.3%
- Debris / Tree Removal: 4.4%
- Improve / Maintain Drainage / Flood Protection: 3.6%
- Improve / Maintain / Retrofit Infrastructure: 13.7%
- Response / Recovery: 7.0%
- Training / Drills: 4.7%
- Preparedness / Emergency Planning: 3.6%
- Monitoring / Enforcement / Inspections: 1.8%
- Develop / Modify Regulations: 3.9%
- Hazard Risk / Vulnerability Assessment: 1.6%
- Natural Resource Protection: 1.6%
- Grants / Budget / Funding: 1.6%
- Vulnerable Populations: 9.6%
- Public Education / Awareness: 5.7%
16. Mitigation Actions: Prevention

- Very important: 76.6%
- Somewhat important: 20.8%
- Not important: 2.8%
16. Mitigation Actions: Property Protection

- Very important: 58.0%
- Somewhat important: 36.3%
- Not important: 5.8%
16. Mitigation Actions: Natural Resource Protection

- Very important: 68.8%
- Somewhat important: 28.9%
- Not important: 2.3%
16. Mitigation Actions: Structural Projects

- Very important: 64.7%
- Somewhat important: 30.9%
- Not important: 4.4%
16. Mitigation Actions: Emergency Services

- Very important: 88.2%
- Somewhat important: 10.5%
- Not important: 1.6%
16. Mitigation Actions: Public Education & Awareness

- Very important: 77.7%
- Somewhat important: 20.2%
- Not important: 2.1%
16. Mitigation Actions: Summary

• Highest importance
  – Emergency Services
  – Public Education & Awareness
  – Prevention

• Moderate importance
  – Natural Resource Protection
  – Structural Projects

• Lowest importance
  – Property Protection
MEMA District 9
Regional Hazard Mitigation Plan
Public Participation Survey Results

Photo Source: FEMA Media Library