

## ATTACHMENT II-A

### CHARLESTON REGIONAL HAZARD MITIGATION PLAN QUESTIONNAIRE

Return completed questionnaires to Charleston County Building Services, 4050 Bridge View Drive, Suite 300, North Charleston, SC 29405-7464.

*Please answer the following questions for your jurisdiction/agency:*

#### I. Jurisdiction/Agency Point of Contact Information

- A. Name of Jurisdiction/Agency:
- B. Your Name/Title:
- C. Your Mailing Address
- D. Your Telephone/Fax Numbers: \_\_\_\_\_ Fax:
- E. Your E-Mail Address:

#### II. Hazard Assessment Information

- A. Please rank order the following types of hazards in terms of which are most pressing for your jurisdiction/agency (1 being most pressing, 8 being least pressing):

Earthquake	_____Fire	_____Flood
Hazardous Material Incident	_____Hurricane	_____Terrorism
Tornado		
Other: <i>(Please specify)</i>		

- B. Does your jurisdiction/agency have GIS capability or the ability to generate computerized maps? *(Please circle response)* Yes No
- C. If you are GIS capable who is the contact person for your jurisdiction/agency regarding computerized maps?
  - 1. Name:
  - 2. Mailing Address:
  - 3. Telephone/Fax Numbers: \_\_\_\_\_ Fax:
  - 4. E-Mail Address *(if available)* :
- D. Does your jurisdiction have a “repetitive loss property” map? Yes No  
If yes, please provide a copy of the map.

#### III. Problem Assessment Information

##### A. Vulnerability Assessment

- 1. Please circle your answer for the following questions indicating how vulnerable the indicated item is to damage from the indicated hazard type utilizing the following vulnerability scale:



**B. Emergency Warning Needs**

1. Please circle your answer providing your rating for the following emergency warning methods utilizing the following scale:

0 = Don't know    1 = Minimal Need    2 = Moderate Need    3 = Major Need

- |  |   |   |   |   |
|--|---|---|---|---|
| a. Weather warning radios that operate during normal sleep hours | 0 | 1 | 2 | 3 |
| b. Automatic telephone calling system for all hours              | 0 | 1 | 2 | 3 |
| c. Emergency Vehicle Public Address Systems                      | 0 | 1 | 2 | 3 |
| d. Emergency Warning Sirens                                      | 0 | 1 | 2 | 3 |
| e. Emergency Warning Signs/Flags                                 | 0 | 1 | 2 | 3 |
| f. Other ( <i>Please Specify</i> ) _____                         | 0 | 1 | 2 | 3 |

2. Please utilize this space to provide any specific comments regarding the vulnerability of your jurisdiction/agency to hazard events. What is your assessment of the vulnerability of the Charleston region to these hazards.

**IV. Goals**

A. Please rate the following potential goals for the regional plan according to the following scale:

0 = Don't Know    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

- |  |   |   |   |   |
|--|---|---|---|---|
| 1. Reduce existing flood damage                  | 0 | 1 | 2 | 3 |
| 2. Minimize future flood damage                  | 0 | 1 | 2 | 3 |
| 3. Improve water quality                         | 0 | 1 | 2 | 3 |
| 4. Preserve Open Space                           | 0 | 1 | 2 | 3 |
| 5. Encourage recreational activities             | 0 | 1 | 2 | 3 |
| 6. Protect the public health, safety and welfare | 0 | 1 | 2 | 3 |
| 7. Promote long term economic prosperity         | 0 | 1 | 2 | 3 |
| 8. Minimize future earthquake damage             | 0 | 1 | 2 | 3 |
| 9. Minimize future hurricane damage              | 0 | 1 | 2 | 3 |
| 10. Minimize future fire damage                  | 0 | 1 | 2 | 3 |
| 11. Minimize future hazardous material incidents | 0 | 1 | 2 | 3 |
| 12. Minimize future terrorist incidents          | 0 | 1 | 2 | 3 |
| 13. Minimize future tornado related loss of life | 0 | 1 | 2 | 3 |
| 14. Improve hazard resistance of infrastructure  | 0 | 1 | 2 | 3 |
| 15. Preserve historic building inventory         | 0 | 1 | 2 | 3 |
| 16. Preserve environmental resources             | 0 | 1 | 2 | 3 |
| 17. Others ( <i>Please Specify</i> ) _____       | 0 | 1 | 2 | 3 |
| _____  | 0 | 1 | 2 | 3 |

**V. Possible Activities**

**A. Preventive Activities**

1. Please circle the letter of the following activities your jurisdiction/agency currently performs related to hazard preparation/prevention:

- a. Floodplain Management Regulations                      g. Stormwater Management Regulations

- b. Preservation of Open Space
- c. Water Quality Regulations
- d. Earthquake Building Regulations
- e. Coastal Erosion Regulations
- f. Fire Protection Regulations
- m. Other (*Please Specify*)
- h. Stream Dumping Regulations
- i. Beachfront Management Regulations
- j. Wind Building Regulations
- k. Wetlands Protection Regulations
- l. Public Education Activities

2. Please rate the effectiveness of these hazard preparation/prevention activities per the following scale:

0 = Don't Know    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

a. Floodplain Management Regulations	0 1 2 3
3	
b. Stormwater Management Regulations	0 1 2 3
c. Preservation of Open Space	0 1 2 3
d. Stream Dumping Regulations	0 1 2 3
e. Water Quality Regulations	0 1 2 3
f. Beachfront Management Regulations	0 1 2 3
g. Earthquake Building Regulations	0 1 2 3
h. Wind Building Regulations	0 1 2 3
i. Coastal Erosion Regulations	0 1 2 3
j. Wetlands Protection Regulations	0 1 2 3
k. Fire Protection Regulations	0 1 2 3
l. Public Education Activities	0 1 2 3
m. Other	0 1 2 3
<i>(Please Specify)</i>	

3. Do your floodplain management regulations currently exceed minimal National Flood Insurance Program (NFIP) requirements?    Yes    No

If yes, please provide a copy of your floodplain management regulations.

**B. Property Protection Activities**

1. Please circle the letter of the following activities your jurisdiction/agency currently performs related to property protection:

- a. Acquisition and Relocation of repetitively damaged properties
- b. Elevating/Retrofitting repetitively damaged properties
- c. Demolition of repetitively damaged properties
- d. Purchasing flood insurance for jurisdiction/agency owned properties
- e. Providing information regarding flood insurance to citizens
- f. Purchasing earthquake insurance for jurisdiction/agency owned properties
- g. Purchasing wind insurance for jurisdiction/agency owned properties
- h. Designing new jurisdiction/agency owned structures to exceed minimal hazard resistance requirements.
- i. Retrofitting existing jurisdiction/agency owned structures to meet or exceed minimal hazard resistance requirements.
- j. Providing information regarding earthquake insurance to citizens.
- k. Other (*Please Specify*)

2. Please rate the importance of these hazard preparation/prevention activities in your jurisdiction per the following scale:

0 = Not Sure    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

- |    |  |   |   |   |   |
|----|--|---|---|---|---|
| a. | Acquisition and Relocation of repetitively damaged properties  | 0 | 1 | 2 | 3 |
| b. | Elevating/Retrofitting repetitively damaged properties   | 0 | 1 | 2 | 3 |
| c. | Demolition of repetitively damaged properties  | 0 | 1 | 2 | 3 |
| d. | Purchasing flood insurance for jurisdiction/agency owned properties  | 0 | 1 | 2 | 3 |
| e. | Providing information regarding flood insurance to citizens  | 0 | 1 | 2 | 3 |
| f. | Purchasing earthquake insurance for jurisdiction/agency owned properties   | 0 | 1 | 2 | 3 |
| g. | Purchasing wind insurance for jurisdiction/agency owned properties   | 0 | 1 | 2 | 3 |
| h. | Designing new jurisdiction/agency owned structures to exceed minimal hazard resistance requirements.                 | 0 | 1 | 2 | 3 |
| i. | Retrofitting existing jurisdiction/agency owned structures to meet or exceed minimal hazard resistance requirements. | 0 | 1 | 2 | 3 |
| j. | Providing information regarding earthquake insurance to citizens.  | 0 | 1 | 2 | 3 |
| k. | Other  | 0 | 1 | 2 | 3 |
- (Please Specify) \_\_\_\_\_

**C. Natural and Beneficial Functions of Floodplains**

1. Please list any activities your jurisdiction/agency performs related to the protection of natural and beneficial functions of floodplains:

**D. Emergency Services**

1. Please circle which of the following activities your jurisdiction/agency currently performs related to the provision of hazard related emergency services:

- |                               |                      |                          |
|-------------------------------|----------------------|--------------------------|
| a. Flood Warning              | d. Hurricane Warning | g. Tornado Warning       |
| b. Hazmat Incident Warning    | e. Wild Fire Warning | h. Sandbagging           |
| c. Terrorist Activity Warning | f. Fire Suppression  | i. Water Quality Warning |

Other (Please Specify)

2. Please rate the importance/effectiveness of these emergency service activities per the following scale:

0 = Don't Know    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

- |    |                            |   |   |   |   |
|----|----------------------------|---|---|---|---|
| a. | Flood Warning              | 0 | 1 | 2 | 3 |
| b. | Hurricane Warning          | 0 | 1 | 2 | 3 |
| c. | Tornado Warning            | 0 | 1 | 2 | 3 |
| d. | Haz. Mat. Incident Warning | 0 | 1 | 2 | 3 |
| e. | Wild Fire Warning          | 0 | 1 | 2 | 3 |
| f. | Sandbagging                | 0 | 1 | 2 | 3 |
| g. | Terrorist Activity Warning | 0 | 1 | 2 | 3 |
| h. | Fire Suppression           | 0 | 1 | 2 | 3 |
| i. | Water Quality Warning      | 0 | 1 | 2 | 3 |
| j. | Other                      | 0 | 1 | 2 | 3 |
- (Please Specify)

**E. Structural Projects**

1. Please circle which of the following structural project activities your jurisdiction/agency currently performs

- |   |  |
|---|--|
| a. Drainage Improvement Projects          | d. Stream Channel Modification                     |
| b. Beach Renourishment                    | e. Dam Construction/Modification/Repair            |
| c. Levee Construction/Modification/Repair | f. Infrastructure Construction/Modification/Repair |
| g. Other ( <i>Please specify</i> )        |  |

2. Please rate the importance/effectiveness of these structural project activities per the following scale:

0 = Don't Know    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

- |  |   |   |   |   |
|--|---|---|---|---|
| a. Drainage Improvement Projects                   | 0 | 1 | 2 | 3 |
| b. Stream Channel Modification                     | 0 | 1 | 2 | 3 |
| c. Beach Renourishment                             | 0 | 1 | 2 | 3 |
| d. Dam Construction/Modification/Repair            | 0 | 1 | 2 | 3 |
| e. Levee Construction/Modification/Repair          | 0 | 1 | 2 | 3 |
| f. Infrastructure Construction/Modification/Repair | 0 | 1 | 2 | 3 |
| g. Other<br>( <i>Please Specify</i> )              | 0 | 1 | 2 | 3 |

3. Is your jurisdiction/agency currently planning/performing any structural projects which may benefit the Charleston area in its hazard mitigation?    Yes    No

If Yes, please provide a brief description of the project(s) and point of contact information for these projects (attach additional sheets if necessary).

**F. Public Information Activities**

1. Please circle the public information activities currently performed by your jurisdiction/agency

- |  |  |
|--|--|
| a. Mailing hazard brochures to residents       | d. Participating in Hazard Awareness Weeks |
| b. Providing literature to citizens at offices | e. Newspaper Advertisements                |
| c. Television Advertisements                   | f. Providing speakers for schools/groups   |
| g. Other ( <i>Please specify</i> )             |  |

2. Please rate the importance/effectiveness of these public education activities per the following scale:

0 = Don't Know    1 = Minimal Importance    2 = Moderately Important    3 = Very Important

- |  |   |   |   |   |
|--|---|---|---|---|
| a. Mailing hazard brochures to residents       | 0 | 1 | 2 | 3 |
| b. Participating in Hazard Awareness Weeks     |   | 0 | 1 | 2 |
| 3  |   |   |   |   |
| c. Providing literature to citizens at offices | 0 | 1 | 2 | 3 |
| d. Newspaper Advertisements                    | 0 | 1 | 2 | 3 |
| e. Television Advertisements                   | 0 | 1 | 2 | 3 |
| f. Providing speakers for schools/groups       | 0 | 1 | 2 | 3 |
| g. Other<br>( <i>Please specify</i> )          | 0 | 1 | 2 | 3 |

**G. Project Prioritization**

