

# **James Island Public Service District**

*See File “James Island PSD AR” for Adopting Resolution*

**A RESOLUTION NO. 08-06 FOR THE ADOPTION OF THE REVISED  
CHARLESTON REGIONAL HAZARD MITIGATION PLAN BY THE  
JAMES ISLAND PUBLIC SERVICE DISTRICT**

**Adopted: September 22, 2008**

**WHEREAS** the James Island PSD has experienced the effects of natural and man-made hazard events; and

**WHEREAS** the Charleston Regional Hazard Mitigation Project Committee has prepared a recommended *Charleston Regional Hazard Mitigation Plan*; and

**WHEREAS** the recommended *Charleston Regional Hazard Mitigation Plan* has been widely circulated for review by residents/business organizations/professional organizations of the unincorporated and incorporated areas of Charleston County, state, federal, regional and local government agencies and has been supported by those reviewers; and

**WHEREAS** the James Island PSD originally adopted the *Charleston Regional Hazard Mitigation Plan* in 1999 and readopted it in 2004, and is required to adopt the amended version of this plan on a five-year cycle for the James Island PSD to remain eligible for certain Federal programs in which it participates.

**NOW THEREFORE** be it resolved that:

1. The *Charleston Regional Hazard Mitigation Plan for 2008-2009 Edition* is hereby adopted as an official plan of the James Island Public Service District, and
2. The Charleston Regional Hazard Mitigation Project Committee is recognized as a continuing entity charged with reviewing, maintaining in accordance with Community Rating System, Flood Mitigation Assistance, and Disaster Mitigation Act requirements, and periodically reporting on the progress towards and revisions to the plan to the Commission of the James Island Public Service District.

**IN A MEETING DULY ASSEMBLED**, this 22<sup>nd</sup> day of September, 2008

(SEAL)

  
Secretary, JIPSD Commission

  
Chair, JIPSD Commission

## **Summary of Changes Made to the *Charleston Regional Hazard Mitigation Plan* for 2008-2009 Edition**

### **II. Planning Process Description**

- Updated Professional Planner section to reflect personnel changes
- Updated committee membership to reflect personnel/member organization changes

### **III. Hazard Assessment**

- Updated hurricane/tropical storm section with discussion of severe beach erosion that occurred during 2007-2008
- Updated flood discussion regarding causes of flooding on the Peninsula and regarding West Nile prevention initiatives and new weather service volunteer network
- Updated fire discussion with 2007 wildfire statistics, drought hazard increasing wildfire threat, legislative efforts regarding fire protection, and efforts of local fire departments on public education
- Updated tornado discussion regarding increased tornadic activity during 2008
- Updated earthquake discussion regarding increases in earthquake activity world-wide, research on earthquakes, and local earthquake preparedness initiatives
- Updated hazardous materials discussion regarding effects of the Graniteville train wreck, other hazardous materials transportation and transfer accidents, and updated discussion of methamphetamine lab seizures
- Updated terrorism discussion local initiatives to reduce school violence and enhance communication channels regarding emergencies at local universities and State efforts aimed at reducing gang violence.
- Updated rip current discussion regarding National Oceanic and Atmospheric Association (NOAA) rip current public education and monitoring activities.
- Updated drought/heat wave section regarding initiatives to address severe drought
- Updated avian (bird) flu/other pandemic discussion regarding world-wide reports of avian flu and State and local preparedness for pandemics or disease outbreaks
- Updated dam failure section regarding Santee Cooper warning system tests
- Updated tsunami hazard discussion regarding additional research on tsunami and TsunamiReady activities
- Added hazard event activities from 5-07 to 6-08
  - i. Tropical Storms – 1 event
  - ii. Floods – 9 events
  - iii. Tornadoes – 6 events
  - iv. Wildfires – 2 events
  - v. Earthquakes – 3 events
  - vi. Hazardous materials – 20 events
  - vii. Terrorism/school incidents of violence – 20 events
  - viii. Rip currents - 5 events (2 deaths)
  - ix. Drought – severe drought declared in 2007-2008
  - x. Snowstorms/winter storms – 1 event
  - xi. Thunderstorms – 12 events
  - xii. Hail – 10 events
  - xiii. Heat advisories – 2 events
  - xiv. Non-severe wind - 1 event

### **IV. Problem Assessment**

- Updated hazardous materials section to reflect methamphetamine lab seizures through march, 2008 (building and infrastructure vulnerability sections)
- Updated discussion of repetitive flood loss properties, number of flood claims and flood insurance payments with 2007 data
- Updated Natural and Beneficial Function of Floodplains section to reflect local efforts at preserving water quality through stormwater management activities, including stormwater master planning

## **V. Possible Activities**

- Added stormwater master planning to the list of activities being undertaken in the Region
- Updated the drainage projects list in Attachment VI-C

## **VI. Adopting Resolutions/Action Plans/Status Reports**

- Replaced action plans and/or status reports with 2008-2009 editions (Charleston County and multiple other signatories)

## **VII. Appendices**

- Appendix F: Added graphics of 2007 earthquake locations
- Appendix H: Updated Project Impact committee membership lists

## **VIII. References**

- Updated references.

**STATUS REPORT FOR JAMES ISLAND PUBLIC SERVICE DISTRICT**  
**Following are the proposed projects to be undertaken/continued in the**  
**James Island Public Service District for hazard mitigation during 2010-2011 and their**  
**status as of March, 2011:**

(Abbreviations for "Type" are as follows: "PA" is Preventive Activities, "PP" is Property Protection Activities, "NB" is Natural and Beneficial Functions/Resource Preservation Activities, "ES" is Emergency Services Activities, "SP" is Structural Projects Activities, and "PI" is Public Information Activities, "GIS" is Geographic Information Systems Activities.)

<i>Type</i>	<i>Activity</i>	<i>Lead Agency</i>	<i>Funding Source</i>	<i>Goal(s) addressed</i>	<b>Priority</b> <i>(1 highest, 4 lowest)</i>	<i>Status as of March, 2010</i>
PA	Continue enforcement of the International series Building-related and Fire codes and the floodplain management (including the one foot freeboard, cumulative substantial improvement clause, and/or other provisions deemed necessary to enhance Community Rating System credits).	Charleston County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; protect the lives of our citizens from natural and man-made hazards	1	On-going
PA	Continue to provide coordination of County stormwater management regulations	Charleston County Planning  Public Works	General Fund	Improve water quality; minimize future flood damage; reduce existing flood damage; improve water quality; educating citizens regarding steps to take to reduce vulnerabilities; improve hazard resistance of infrastructure; reduce vulnerability of our infrastructure to natural and man-made hazards	1	On-going

PA	Continue enforcement of zoning regulations, including the low density zoning provisions of the Zoning and Land Development Regulations.	Charleston County Planning	General Fund	Minimize future flood damage; preserve environmental resources; promote long-term economic prosperity; preserve open space; encourage recreational activities; minimize future hurricane damage; minimize future earthquake damage; protecting the lives of our citizens from natural and man-made hazards	1	On-going
PA	Continue providing information to citizens regarding the propane tank anchoring	Charleston County Building Services	General Fund/ Grant Funding	Educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future flood damage; minimize future earthquake damage	2	On-going
PA	Continue enforcing regulations requiring new manufactured homes brought into Charleston County to be constructed to wind zone 2 requirements as required per State law.	Chas. County Building Services	General Fund	Minimize future hurricane damages; protecting lives of citizens from natural and man-made hazards	1	On-going
PA	Continue prohibiting new manufactured homes to be installed in "V" flood zones and requiring manufacture homes installed in "A" flood zones to be on permanent foundations.	Chas. County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; protecting lives of citizens from natural and man-made hazards.	1	On-going
PP	Promote the use of voluntary standards for single-family residences to exceed minimal building code requirements for wind and seismic design.	Chas. County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; preserve environmental resources; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability	2	On-going
PP	Promote standards for existing homes to be retrofitted to that exceed minimal codes.	Chas. County Building Services	General Fund	Reduce existing flood damage; preserve environmental resources; minimize future hurricane damages; minimize future earthquake damages; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability	2	On-going

PP	Support providing information to citizens regarding hazard safe interior rooms	Chas. County Building Services	General Fund	Minimize future tornado-related loss of life; Educating citizens regarding vulnerability to hazards and steps which may reduce vulnerability	2	On-going
PP	Support demolition of structures posing a threat to public safety, considering location within the special flood hazard area as a prioritization factor.	Grants Admin.	Grant Funding	Reduce existing flood damages; promote long-term economic prosperity; encourage recreational activities; minimize future hurricane damage; minimize future flood damage; reducing vulnerability of infrastructure to hazards	3	On-going
PP	Give support to seek funding for retrofitting, demolishing or relocating repetitively flooded properties if suitable candidates can be identified.	Chas. County Building Services	Grant Funding	Reduce existing flood damage; minimize future flood damage; preserve historic building inventory; reducing vulnerability of built-environment to hazards	1	On-going
PP	Assist with distribution of a brochure on protecting boats from damages during hurricanes to interested citizens through expos, offices, marinas, and boat dealers.	JIPSD	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; minimize future hurricane damage; encourage recreational activities	3	On-going
PP	Assist with distribution of a brochure on protecting and preserving historic artifacts to interested citizens through expos, government offices, etc.	JIPSD	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; preserve historic building inventory; minimize future flood damage	2	On-going
PP	Seek funding for retrofitting critical facilities to enhanced hazard resistance in accordance with the James Island Public Service District Comprehensive Plan.	JIPSD	Grant Funding; General Fund	Reduce vulnerability of infrastructure to natural and man-made hazards; minimize future hurricane damage; minimize future earthquake damage; reduce existing flood damage; preserve historic building inventory; promote long-term economic prosperity	1	On-going
NB	Support maintaining permanent open space as parks	Parks and Recreation Commission; JIPSD	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages	2	On-going

NB	Support the distribution literature on riparian buffer zones and hazard resistant landscaping to citizens through government offices and at expos.	Charleston County Building Services; JIPSD	Partner donations/ Grant Funding	Educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; minimize future flood damage; preserve environmental resources; improve water quality; improve hazard resistance of infrastructure; preserve open space; encourage recreational activities; minimize future hurricane damage	2	On-going
NB	Support working with scouts on the Project Impact scout patch program	Chas. County Building Services/ Project Impact partners	Grant Funding/ General Fund	Educating citizens regarding vulnerability to hazards and steps to take to reduce that vulnerability; establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness for hazard events; reducing vulnerability to infrastructure and built-environment to hazard	2	On-going
ES	Continue hazardous material training	James Island Public Service District Office of Safety Director and Fire Department	General and Proprietary Fund	Protecting lives of our citizens from man-made hazards; minimize future hazardous materials incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events.	1	On-going
ES	Continue Terrorist Response Training	Charleston County Hazardous Materials Coordinator; James Island Public Service District Fire Department	General Fund	Protecting lives of our citizens from man-made hazards; minimize future terrorist activity incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; promote long-term economic prosperity.	1	On-going

ES	Continue coordinating Emergency Operations Center activities in the event of a hazard event	Chas. County Emergency Preparedness; JIPSD	General Fund	Protecting lives of citizens from natural and man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; preserve environmental resources; promote long-term economic prosperity	1	On-going
ES	Continue responding to hazard emergencies	EMS, Fire Departments, Sheriff Department, Haz. Mat. Coordinator, Emergency Preparedness	General Fund Enterprise Fund	Protecting lives of citizens from natural and man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; preserve environmental resources; preserve historic building inventory; promote long-term economic prosperity	1	On-going
ES	Support requirement for construction practices for new James Island PSD-owned critical facilities that are sensitive to flood zone (e.g. avoiding "A" and "V" flood zones where feasible) and seismic considerations.	Capital Projects	General Fund Bond Funding	Protecting lives of citizens from natural and man-made hazards; reducing vulnerability of infrastructure and built-environment to hazards; minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage	1	On-going
ES	Evaluate existing James Island PSD-owned facilities for hazard resistance and retrofit facilities if needed where feasible.	JIPSD	General Fund/ Grant Funding/ Bond Funding	Protecting lives of citizens from natural and man-made hazards; reducing vulnerability of infrastructure and built-environment to hazards; minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage	1	On-going

ES	Sponsor training programs for medical providers on topics of interest such as decontamination procedures, etc. if there is interest in these programs.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	General Fund	Protecting the lives of citizens from man-made hazards; Establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and response for hazard events; Minimize future hazardous materials incidents; minimize future terrorist activity incidents	2	On-going
ES	Continue working to attain resources and to provide training for maritime fire fighting through the Marine Assistance Pact.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	Grant Funding/ General Fund	Protecting the lives of citizens from man-made hazards; Establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and response for hazard events; Minimize future hazardous materials incidents; minimize future terrorist activity incidents; promote long-term economic prosperity	1	On-going
ES	Maintain the National Weather Service “Storm Ready Community” designation	Emergency Preparedness; James Island Public Service District	General Fund	Protecting lives of citizens from natural hazards; educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future tornado-related loss of life; minimize future flood damage; reduce existing flood damage; minimize future hurricane damage; reduce existing flood damage	1	On-going
ES	Continue coordinating the Anti- Terrorism Task Force of specially trained police, fire and EMS personnel to respond to terrorist acts.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	Grant Funding/ General Fund	Protecting lives of our citizens from man-made hazards; minimize future terrorist activity incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; promote long-term economic prosperity.	1	On-going

ES	Investigate area-wide interest in the Community Emergency Response Training (CERT) program.	Emergency Preparedness; JIPSD	Grant Funding/ General Fund	Protecting lives of citizens from natural and man-made hazards, establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce that vulnerability; minimize future terrorist activity incidents	2	On-going
SP	Support utility right of way permitting, considering emergency vehicle access and flood zone related issues in permitting decisions	JIPSD	General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve hazard resistance of infrastructure; promote long-term economic prosperity	1	On-going
SP	Support distribution of a generator safety brochure to interested generator retail outlets, utility companies and the general public	Chas. County Building Services	Partner donations/ General Fund	Protecting the lives of citizens from natural and man-made hazards; educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; improve hazard resistance of infrastructure; minimize future hurricane-related losses	2	On-going
SP	Support provision of information about the USGS stream gauge program to the public	Chas. County Building Services; JIPSD	Partner donations/ Grant funding	Protecting the lives of citizens from natural hazards; minimize future flood damage; establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness and response for hazard events	2	On-going
PI	Continue providing hazard-related literature/information to citizens at James Island Public Service District Office.	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; minimize future tornado-related loss of life; minimize future hurricane damage; minimize future terrorist activity incidents	2	On-going

PI	Sponsor a Fire Prevention Week, including information on Hazard Awareness, and assist other communities in participating in this activity.	JIPSD Fire Department	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; minimize future tornado-related loss of life; minimize future hurricane damage; minimize future terrorist activity incidents	2	On-going
PI	Recognize “International Building Safety Week” to promote safety in the built environment	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	3	On-going
PI	Assist with providing speakers to civic groups regarding hazard related activities.	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	1	On-going
PI	Assist with outreach initiatives to the small business community to encourage businesses to prepare for hazard events.	Chas. County Building Services/ Project Impact Partners	Project Impact resources	Protecting the lives of citizens from natural and man-made hazards; establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and recovery for hazard events; reducing vulnerability of built-environment to natural and man-made hazards; promote long-term economic prosperity; preserve historic building inventory	2	On-going
PI	Continue participating in hazard-related/product expos	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and recovery for hazard events	2	On-going

Additional Recommended Projects may be added to this project list as the Disaster Resistant Communities committees consider other projects and recommend these projects for implementation.

## ACTION PLAN FOR JAMES ISLAND PUBLIC SERVICE DISTRICT

### Following are the proposed projects to be undertaken in the James Island Public Service District for hazard mitigation during 2011-2012:

*(Abbreviations for "Type" are as follows: "PA" is Preventive Activities, "PP" is Property Protection Activities, "NB" is Natural and Beneficial Functions/Resource Preservation Activities, "ES" is Emergency Services Activities, "SP" is Structural Projects Activities and "PI" is Public Information Activities, "GIS" is Geographic Information Systems Activities.)*

<i>Type</i>	<i>Activity</i>	<i>Lead Agency</i>	<i>Funding Source</i>	<i>Goal(s) addressed</i>	<b>Priority</b> <i>(1 highest, 4 lowest)</i>
PA	Continue enforcement of the International series Building-related and Fire codes and the floodplain management (including the one foot freeboard, cumulative substantial improvement clause, and/or other provisions deemed necessary to enhance Community Rating System credits).	Charleston County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; protect the lives of our citizens from natural and man-made hazards	1
PA	Continue to provide coordination of County stormwater management regulations	Charleston County Planning  Public Works	General Fund	Improve water quality; minimize future flood damage; reduce existing flood damage; improve water quality; educating citizens regarding steps to take to reduce vulnerabilities; improve hazard resistance of infrastructure; reduce vulnerability of our infrastructure to natural and man-made hazards	1
PA	Continue enforcement of zoning regulations, including the low density zoning provisions of the Zoning and Land Development Regulations.	Charleston County Planning	General Fund	Minimize future flood damage; preserve environmental resources; promote long-term economic prosperity; preserve open space; encourage recreational activities; minimize future hurricane damage; minimize future earthquake damage; protecting the lives of our citizens from natural and man-made hazards	1
PA	Continue providing information to citizens regarding the propane tank anchoring	Charleston County Building Services	General Fund/ Grant Funding	Educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future flood damage; minimize future earthquake damage	2

PA	Continue enforcing regulations requiring new manufactured homes brought into Charleston County to be constructed to wind zone 2 requirements as required per State law.	Chas. County Building Services	General Fund	Minimize future hurricane damages; protecting lives of citizens from natural and man-made hazards	1
PA	Continue prohibiting new manufactured homes to be installed in "V" flood zones and requiring manufacture homes installed in "A" flood zones to be on permanent foundations.	Chas. County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; protecting lives of citizens from natural and man-made hazards.	1
PP	Promote the use of voluntary standards for single-family residences to exceed minimal building code requirements for wind and seismic design.	Chas. County Building Services	General Fund	Minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage; preserve environmental resources; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability	2
PP	Promote standards for existing homes to be retrofitted to that exceed minimal codes.	Chas. County Building Services	General Fund	Reduce existing flood damage; preserve environmental resources; minimize future hurricane damages; minimize future earthquake damages; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability	2
PP	Support providing information to citizens regarding hazard safe interior rooms	Chas. County Building Services	General Fund	Minimize future tornado-related loss of life; Educating citizens regarding vulnerability to hazards and steps which may reduce vulnerability	2
PP	Support demolition of structures posing a threat to public safety, considering location within the special flood hazard area as a prioritization factor.	Grants Admin.	Grant Funding	Reduce existing flood damages; promote long-term economic prosperity; encourage recreational activities; minimize future hurricane damage; minimize future flood damage; reducing vulnerability of infrastructure to hazards	3
PP	Give support to seek funding for retrofitting, demolishing or relocating repetitively flooded properties if suitable candidates can be identified.	Chas. County Building Services	Grant Funding	Reduce existing flood damage; minimize future flood damage; preserve historic building inventory; reducing vulnerability of built-environment to hazards	1
PP	Assist with distribution of a brochure on protecting boats from damages during hurricanes to interested citizens through expos, offices, marinas, and boat dealers.	JIPSD	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; minimize future hurricane damage; encourage recreational activities	3

PP	Assist with distribution of a brochure on protecting and preserving historic artifacts to interested citizens through expos, government offices, etc.	JIPSD	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; preserve historic building inventory; minimize future flood damage	2
PP	Seek funding for retrofitting critical facilities to enhanced hazard resistance in accordance with the James Island Public Service District Comprehensive Plan.	JIPSD	Grant Funding; General Fund	Reduce vulnerability of infrastructure to natural and man-made hazards; minimize future hurricane damage; minimize future earthquake damage; reduce existing flood damage; preserve historic building inventory; promote long-term economic prosperity	1
NB	Support maintaining permanent open space as parks	Parks and Recreation Commission; JIPSD	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages	2
NB	Support the distribution literature on riparian buffer zones and hazard resistant landscaping to citizens through government offices and at expos.	Charleston County Building Services; JIPSD	Partner donations/ Grant Funding	Educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; minimize future flood damage; preserve environmental resources; improve water quality; improve hazard resistance of infrastructure; preserve open space; encourage recreational activities; minimize future hurricane damage	2
NB	Support working with scouts on the Project Impact scout patch program	Chas. County Building Services/ Project Impact partners	Grant Funding/ General Fund	Educating citizens regarding vulnerability to hazards and steps to take to reduce that vulnerability; establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness for hazard events; reducing vulnerability to infrastructure and built-environment to hazard	2

ES	Continue hazardous material training	James Island Public Service District Office of Safety Director and Fire Department	General and Proprietary Fund	Protecting lives of our citizens from man-made hazards; minimize future hazardous materials incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events.	1
ES	Continue Terrorist Response Training	Charleston County Hazardous Materials Coordinator; James Island Public Service District Fire Department	General Fund	Protecting lives of our citizens from man-made hazards; minimize future terrorist activity incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; promote long-term economic prosperity.	1
ES	Continue coordinating Emergency Operations Center activities in the event of a hazard event	Chas. County Emergency Preparedness; JIPSD	General Fund	Protecting lives of citizens from natural and man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; preserve environmental resources; promote long-term economic prosperity	1
ES	Continue responding to hazard emergencies	EMS, Fire Departments, Sheriff Department, Haz. Mat. Coordinator, Emergency Preparedness	General Fund Enterprise Fund	Protecting lives of citizens from natural and man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce vulnerability; preserve environmental resources; preserve historic building inventory; promote long-term economic prosperity	1

ES	Support requirement for construction practices for new James Island PSD-owned critical facilities that are sensitive to flood zone (e.g. avoiding "A" and "V" flood zones where feasible) and seismic considerations.	Capital Projects	General Fund Bond Funding	Protecting lives of citizens from natural and man-made hazards; reducing vulnerability of infrastructure and built-environment to hazards; minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage	1
ES	Evaluate existing James Island PSD-owned facilities for hazard resistance and retrofit facilities if needed where feasible.	JIPSD	General Fund/ Grant Funding/ Bond Funding	Protecting lives of citizens from natural and man-made hazards; reducing vulnerability of infrastructure and built-environment to hazards; minimize future flood damage; minimize future earthquake damage; minimize future hurricane damage	1
ES	Sponsor training programs for medical providers on topics of interest such as decontamination procedures, etc. if there is interest in these programs.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	General Fund	Protecting the lives of citizens from man-made hazards; Establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and response for hazard events; Minimize future hazardous materials incidents; minimize future terrorist activity incidents	2
ES	Continue working to attain resources and to provide training for maritime fire fighting through the Marine Assistance Pact.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	Grant Funding/ General Fund	Protecting the lives of citizens from man-made hazards; Establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and response for hazard events; Minimize future hazardous materials incidents; minimize future terrorist activity incidents; promote long-term economic prosperity	1
ES	Maintain the National Weather Service "Storm Ready Community" designation	Emergency Preparedness; James Island Public Service District	General Fund	Protecting lives of citizens from natural hazards; educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future tornado-related loss of life; minimize future flood damage; reduce existing flood damage; minimize future hurricane damage; reduce existing flood damage	1

ES	Continue coordinating the Anti- Terrorism Task Force of specially trained police, fire and EMS personnel to respond to terrorist acts.	Chas. County Hazardous Materials Coordinator; JIPSD Fire Department	Grant Funding/ General Fund	Protecting lives of our citizens from man-made hazards; minimize future terrorist activity incidents; preserve environmental resources; improve hazard resistance of infrastructure; assessing vulnerability to man-made hazards; establishing cooperative relationships between public, private and non-profit sectors to enhance response for hazard events; promote long-term economic prosperity.	1
ES	Investigate area-wide interest in the Community Emergency Response Training (CERT) program.	Emergency Preparedness; JIPSD	Grant Funding/ General Fund	Protecting lives of citizens from natural and man-made hazards, establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding vulnerability to hazards and steps to reduce that vulnerability; minimize future terrorist activity incidents	2
SP	Support utility right of way permitting, considering emergency vehicle access and flood zone related issues in permitting decisions	JIPSD	General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve hazard resistance of infrastructure; promote long-term economic prosperity	1
SP	Support distribution of a generator safety brochure to interested generator retail outlets, utility companies and the general public	Chas. County Building Services	Partner donations/ General Fund	Protecting the lives of citizens from natural and man-made hazards; educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; improve hazard resistance of infrastructure; minimize future hurricane-related losses	2
SP	Support provision of information about the USGS stream gauge program to the public	Chas. County Building Services; JIPSD	Partner donations/ Grant funding	Protecting the lives of citizens from natural hazards; minimize future flood damage; establishing cooperative relationships between the public, private and non-profit sectors to enhance preparedness and response for hazard events	2

PI	Continue providing hazard-related literature/information to citizens at James Island Public Service District Office.	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; minimize future tornado-related loss of life; minimize future hurricane damage; minimize future terrorist activity incidents	2
PI	Sponsor a Fire Prevention Week, including information on Hazard Awareness, and assist other communities in participating in this activity.	JIPSD Fire Department	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; minimize future tornado-related loss of life; minimize future hurricane damage; minimize future terrorist activity incidents	2
PI	Recognize “International Building Safety Week” to promote safety in the built environment	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	3
PI	Assist with providing speakers to civic groups regarding hazard related activities.	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	1
PI	Assist with outreach initiatives to the small business community to encourage businesses to prepare for hazard events.	Chas. County Building Services/ Project Impact Partners	Project Impact resources	Protecting the lives of citizens from natural and man-made hazards; establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and recovery for hazard events; reducing vulnerability of built-environment to natural and man-made hazards; promote long-term economic prosperity; preserve historic building inventory	2

PI	Continue participating in hazard-related/product expos	JIPSD	General Fund	Protecting the lives of citizens from natural hazards; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and recovery for hazard events	2
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Additional Recommended Projects may be added to this project list as the Disaster Resistant Communities committees consider other projects and recommend these projects for implementation.