

Town of James Island

See File “James Island AR” for Adopting Resolution

A RESOLUTION FOR THE ADOPTION OF THE REVISED
CHARLESTON REGIONAL HAZARD MITIGATION PLAN BY
THE TOWN OF JAMES ISLAND

Resolution No. 2008-03

WHEREAS the Town of James Island 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

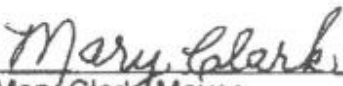
WHEREAS the recommended *Charleston Regional Hazard Mitigation Plan* has been widely circulated for review by residents/business organizations/professional organizations of the unincorporated and incorporated areas of Charleston County, state, federal, regional and local government agencies and has been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

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

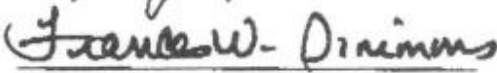
NOW THEREFORE BE IT RESOLVED THAT

1. The Charleston Regional Hazard Mitigation Plan is hereby adopted as an official plan of the Town of James Island.
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 Town of James Island.

Effective this 5 day of August, 2008



Mary Clark Mayor



Attest: Frances W. Simmons,
Town Clerk

STATUS REPORT FOR THE TOWN OF JAMES ISLAND, SC

Following are the projects proposed to be undertaken/continued in the Town of James Island 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.)

Type	Activity	Lead Agency	Funding Source	Goal(s) addressed	Priority <i>(1 highest, 4 lowest)</i>	Status as of March, 2010
PA	Continue enforcement of the International series Building-related and Fire codes and the floodplain management regulations (including the one foot freeboard, cumulative substantial improvement clause, and/or other provisions deemed necessary to enhance Community Rating System credits) to maintain participation in the National Flood Insurance Program and the Community Rating System.	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 to maintain participation in National Flood Insurance Program and flood insurance discounts under the Community Rating System
PA	Continue to provide coordination of County stormwater management through development and implementation of a comprehensive program. Enhance efforts at improving water quality through the Community Action for a Renewed Environment (CARE) project.	Planning Public Works Building Services	General Fund Enterprise Fund Grant Funding	Improve water quality; minimize future flood damage; reduce existing flood damage; 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 for Stormwater Management. CARE project participated in 29 activities/speaking opportunities regarding water quality from April 2009-March, 2010. Two new brochures on reducing marine pollution from boats and a general brochure that included information on water quality preservation were developed and printed under the CARE project.
PA	Develop the stormwater master plan for Charleston County and incorporate elements of the program into the appropriate regulations.	Public Works Building Services Planning	Enterprise Fund Grant Funding	Minimize future flood damage; minimize future hurricane damage; protect the lives of our citizens from natural and man-made hazards	2	The Charleston County Watershed Master Plan was completed and approved by FEMA for Community Rating System credits during 2010. Elements of the plan are incorporated into stormwater regulations.

PA	Continue enforcement of zoning regulations, including the low density zoning provisions of the Zoning and Land Development Regulations.	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	Conduct or co-sponsor training workshops regarding the International Building-related, flood, and Fire Prevention Codes and Regulations, and on sustainable construction / landscaping practices, if there is interest in these workshops	Building Services	General Fund/self-supporting through workshop revenues	Educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; improve hazard resistance of infrastructure; minimize hurricane damage; preserve environmental resources	1	Project Impact sponsored 4 seminars on construction codes and/or sustainable construction between April, 2009 and March, 2010.
PA	Continue providing information to citizens regarding propane tank anchoring	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; minimize future hurricane damages; preserve environmental resources	2	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
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.	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 manufactured homes installed in "A" flood zones to be on permanent foundations.	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

PA	Continue the Charleston County Special Inspection program for any jurisdictions that want to use it, unless the State develops a Special Inspection program for use State-wide at which time the County's program will be discontinued.	Building Services	General Fund	Minimize future earthquake damage; minimize future hurricane damage; protecting lives of citizens from natural and man-made hazards.	1	This State of South Carolina indicated that they will not begin their special inspection program until January 1, 2011. The County Special Inspection program remained in effect during this time period due to the State program not being implemented.
PP	Promote the use of voluntary standards for single family residences to exceed minimal building code requirements for wind and seismic design.	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	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
PP	Promote standards for existing homes to be retrofitted to that exceed minimal codes.	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	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
PP	Work cooperatively with the S.C. Dept. of Insurance to promote the SafeHome program to Charleston County residents.	Building Services	Grant Funding	Reduce existing flood damage; minimize future hurricane damages	2	Project Impact co-sponsored and shared logistical responsibilities for the S.C. Safe Home Expo in August, 2008. Project Impact held a seminar during this event, recruited speakers for the public expo part of the program, and had exhibits on display during this event.
PP	Continue providing information to citizens regarding hazard safe interior rooms	Building Services	General Fund	Minimize future tornado-related loss of life; Educating citizens regarding vulnerability to hazards and steps which may reduce vulnerability	2	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.

PP	Continue demolishing structures posing a threat to public safety, considering location within the special flood hazard area as a prioritization factor.	Building Services	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	Two substandard structures in unincorporated Charleston County were demolished between April, 2009 and March, 2010.
PP	Seek funding for retrofitting, demolishing, or relocating repetitively flooded properties, if suitable candidates can be identified.	Building Services	Grant Funding	Reduce existing flood damage; minimize future flood damage; preserve historic building inventory; reducing vulnerability of built-environment to hazards	1	No suitable candidates were identified during this time period.
PP	Continue distributing a brochure on protecting boats from damages during hurricanes to interested citizens through expos, offices, marinas, and boat dealers.	Building Services	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; minimize future hurricane damage; encourage recreational activities; preserve environmental resources, improve water quality	3	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010. Two new brochures on reducing pollution associated with boating were produced under the CARE project.
PP	Continue distributing a brochure on protecting and preserving historic artifacts to interested citizens through expos, government offices, etc.	Building Services	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; preserve historic building inventory; minimize future flood damage	2	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
PP	Seek funding for retrofitting critical facilities or infrastructure to enhanced hazard resistance in accordance with the County of Charleston Facilities Master Plan Update "Building Utilization and Needs Survey" (2003) or other applicable plans, if funding sources become available.	Building Services	Grant Funding	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	No applicable funding sources became available for hazard retrofits during this time period. The County did, however, seek funding for energy conservation measures for county facilities during this time period.
PP	Promote the 113 Calhoun Street Education Center through Project Impact.	Building Services	General Fund	Educating citizens regarding steps to take to reduce hazard vulnerability; preserve environmental resources	2	The 113 Calhoun Street Foundation determined that the facility would be turned over to a different owner with a different mission. Project Impact has representation on this Foundation Board.

NB	Continue enforcement of the tree protection/landscaping ordinance	Planning	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; improve water quality; improve air quality	2	On-going
NB	Continue maintaining permanent open space as parks.	Parks and Recreation Commission	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages	2	The Charleston County Greenbelt program has preserved 2,918 acres in parklands through the Charleston County Parks & Recreation Commission and 122.7 acres through the St. Andrews Parks and Playgrounds Commission to date. Other parks in existence prior to the greenbelt program remain as open space.
NB	Continue encouraging the Greenbelt Advisory Board to acquire greenspace in the special flood hazard area, to the extent feasible.	Building Services Parks and Recreation Commission	Special Revenue Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages; improve water quality; improve air quality	2	The Greenbelt Advisory Board has protected 17,850 acres of greenspace through March, 2010.
NB	Continue participating in "Build-A-Dune" projects as funding permits, and assist other jurisdictions in participating in this initiative upon request	Building Services, Public Works	Grant Funding	Minimize future flood damage; reduce existing flood damage; preserve environmental resources; improve hazard resistance of infrastructure; minimize future hurricane damage; educating citizens regarding vulnerability to hazard and steps to reduce vulnerability; establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness for hazard events	2	The sea oats for the Folly Beach County Park build-a-dune project were planted in March, 2009, and the grant for this project was closed out.

NB	Continue to distribute literature on riparian buffer zones and hazard resistant landscaping to citizens through government offices and at expos.	Building Services	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; improve water quality; improve air quality	2	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
NB	Continue working with scouts on the Project Impact scout patch program	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	Flyers on the Project Impact patch program and the CARE project were provided to scout leaders through the girl scout network. Girl Scouts attended the build-a-dune sea oat planting and some troop leaders inquired about these programs as a result of these flyers.
NB	Develop projects to reduce air and water pollution in Charleston County under the Community Action for a Renewed Environment project	Building Services/ Project Impact partners	Grant Funding	Preserve environmental resources; improve water quality; improve air quality	1	The CARE project developed and broadcast 131 TV programs and promotions on air and water quality during this time period. Presentations were also given to 15 schools and groups, and information was distributed at 15 expo-type events. Brochures on air and water quality preservation were developed and printed for distribution. A web site with information on protecting air and water quality was put on-line on the Charleston County internet site.

NB	Encourage cooperation between county departments, other government entities, interested businesses, and citizens regarding recommended sustainable practices to protect environmental quality	Building Services/ Project Impact committee members/ other County Departments as applicable	Grant Funding/ General Fund	Preserve environmental resources; improve water quality; improve air quality; promote long term economic prosperity	2	Project Impact committees provided input and provided assistance with developing CARE public outreach information. CARE staff also attended multiple meetings with the Chamber of Commerce, S.C. Department of Health and Environmental Control, and the Berkeley Charleston Dorchester Council of Governments to discuss ways to protect environmental quality.
NB & ES	Continue educating residents about the FireWise program, and encourage participation in this program by interested neighborhoods or communities.	Awendaw Fire Department/ Building Services	General Fund/ Grant Funding	Protecting lives of our citizens from man-made hazards; 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.	2	On-going
ES	Continue hazardous material training	Hazardous Materials Coordinator	Enterprise 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	Hazardous Materials Coordinator	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 related to a hazard event, including holding drills for EOC personnel.	Emergency Preparedness	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	The Emergency Operations Center was activated on June 2, 2009 during the County's participation in the State-wide hurricane drill. A heightened awareness level (OPCON 4) also announced during 2010 for the potential repatriation of citizens returning through Charleston from the Haiti earthquake.
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	Continue to require construction practices for new County-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	The County's new detention center was designed to withstand anticipated hurricane and seismic conditions. The site selected for the new consolidated dispatch center & emergency operations center is located in an "X" flood zone in an in-land portion of the County. The facility will be designed to resist anticipated seismic forces and is seeking LEED accreditation for energy conservation.
ES	Continue working to attain resources and to provide training for maritime fire fighting through the Maritime Incident Response Team (MIRT).	Hazardous Materials Coordinator	Grant Funding	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 "StormReady" and "TsunamiReady" Community designations.	Emergency Preparedness	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	Charleston County's Storm Ready and Ready designations were recertified by the National Weather Service in January, 2010.

ES	Continue coordinating the Anti-Terrorism Task Force (COBRA) of specially trained police, fire and EMS personnel to respond to terrorist acts.	Hazardous Materials Coordinator	Grant Funding	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 sponsoring the Community Emergency Response Training (CERT) program.	Emergency Preparedness	Grant Funding	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	The Charleston County CERT program graduated its 500 th member in September, 2009.
ES	Maintain a web-based Emergency Operations Center capability.	Emergency Preparedness	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; preserve environmental resources; promote long-term economic prosperity	1	On-going
SP	Continue the drainage maintenance and canal cleaning program	Public Works	General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve water quality; improve hazard resistance of infrastructure; promote long-term economic prosperity	1	On-going

SP	Continue utility right of way permitting, considering emergency vehicle access and flood zone related issues in permitting decisions	Public Works	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	Continue the elevation reference mark inspection program	Public Works	General Fund	Minimize future flood damage; Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness for hazards	1	On-going
SP	Continue to provide design, permitting, and construction services for the drainage improvement projects defined in Attachment VI-C	Public Works Deputy Administrator (Transportation Sales Tax)	Grant Funding General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve water quality; improve hazard resistance of infrastructure; promote long-term economic prosperity	1	On-going
SP	Continue the road repair/construction program, considering needs during evacuation and soil liquefaction potential in prioritization decisions	Public Works Deputy Administrator (Transportation Sales Tax)	General Fund Grant Funding Enterprise Funding	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future earthquake losses; improve hazard resistance of infrastructure; promote long-term economic prosperity	1	On-going
SP	Design/elevate roadways being constructed or reworked through the ½ cent sales tax program to minimize flooding potential to the extent feasible.	Deputy Administrator (Transportation Sales Tax)	Special Revenue Funding	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future earthquake losses; improve hazard resistance of infrastructure; promote long-term economic prosperity	1	Projects are being submitted for floodplain management review by Transportation Sales Tax and the S.C. Department of Transportation.

SP	Continue to distribute a generator safety brochure to interested generator retail outlets, utility companies and the general public	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	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.
SP	Continue to provide information about the USGS stream gauge program to the public	Building Services	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	Information on this program is provided on the Charleston County internet site in the flood zone frequently asked questions section.
PI	Provide hazard related information to all residents of Charleston County through the AT&T telephone book	Building Services	General Fund	Protecting the lives of citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future hurricane damage; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; improve water quality	1	Flood and hurricane protection information is included in the A T & T telephone book.
PI	Continue providing hazard-related literature/information to citizens at County offices	Planning	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	Mail an outreach project to floodplain residents to those property owners whose property is located in the special flood hazard area.	Building Services	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 hurricane damage; improve water quality	1	Outreach project to floodplain residents of unincorporated areas mailed February, 2010.

PI	Recognize “International Building Safety Week” to promote safety in the built environment	Building Services	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	Posters for International Building Safety Week were on display at Charleston County Building Inspection Services offices during this week. Literature on importance of permits and codes was distributed at offices.
PI	Continue providing speakers to civic groups regarding hazard related activities and environmental quality topics. Update the Speaker’s Bureau list as needed.	Building Services	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; improve water quality; improve air quality	1	Project Impact and the CARE project gave presentations to 24 groups (schools, civic, and professional groups) between April, 2009 and March, 2010.
PI	Continue programs aimed towards providing resources to local schools to enhance their ability to educate students regarding hazard events and hazard event preparation. Encourage schools to reduce on-site storage of unneeded chemicals under the Community Action for a Renewed Environment (CARE) program, including sending information on this topic home with school children for their parents’ use at their homes.	Building Services/ Project Impact partners	Grant Funding/ Project Impact resources	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; reducing future flood damage, reducing vulnerability of infrastructure and built environment to natural and man-made hazards; improve water quality; improve air quality	1	Project Impact worked with schools on 8 activities between April, 2009 and March, 2010 (research projects, mini-grants, science fair awards, etc.)
PI	Continue participating in hazard-related/product or environmental protection-related expos or public events	Building Services	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; improve water quality; improve air quality	2	Project Impact had information for distribution available at 15 expo-type events between April, 2009 and March, 2010.

PI	Maintain the flood zone frequently asked questions page on the Charleston County web site to provide information on protecting against flood hazards to the public.	Building Services	General Fund	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	2	On-going. The web site has been highly credited under the Community Rating System program (contributes towards flood insurance premium discounts for residents.)
PI	Maintain the Project Impact internet page on the Charleston County web site to relay information on Project Impact events and methods to reduce hazard-related losses to the public.	Building Services	General Fund	Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	2	On-going
PI	Maintain a web page with information on environmental resource protection /air and water quality pollution-reduction strategies under the Community Action for a Renewed Environment (CARE) project	Building Services	Grant Funding	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; Preserve environmental resources; improve water quality; improve air quality	1	CARE brochures were added to the web site during this time period.
PI	Continue educational efforts and initiatives promoting energy conservation.	Building Services	General Fund Grant Funding	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; improve air quality; preserve environmental resources	2	CARE program staff participated in 6 activities aimed at educating the public as to ways to conserve energy.
PI	Promote environmental pollution reduction strategies through Public Service Announcements; pilot projects; and meetings with government, neighborhood, civic, and professional groups as planned under the Community Action for a Renewed Environment (CARE) project.	Building Services	Grant Funding	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; Preserve environmental resources; improve water quality; improve air quality	1	The CARE project developed and broadcast 131 TV programs and promotions on air and water quality during this time period. Presentations were also given to 15 schools and groups, and information was distributed at 15 expo-type events. Brochures on air and water quality preservation were developed and printed for distribution. A web site with information on protecting air and water quality was put on-line on the Charleston County internet site.

PI	Continue participating in the Project Impact Outreach Project Strategy for the Community Rating System.	Building Services/ Project Impact committee members	General Fund	Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability;	1	The Project Impact Public Information Committee developed the Outreach Project Strategy Report for 2009, which was distributed to applicable government entities for their Community Rating System recertifications.
GIS	Continue inter-departmental efforts to share geographic digital information and property specific construction-related information	GIS Building Services Planning Emergency Services	General Fund Grant Funding	Protecting the lives of citizens from natural hazards; 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 Project Impact/Disaster Resistant Communities committees consider other projects and recommend these projects for implementation.

ACTION PLAN FOR THE TOWN OF JAMES ISLAND, CHARLESTON COUNTY, SC
Following are the proposed projects to be undertaken /continued in Charleston County 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>	<i>Priority</i> <i>(1 highest, 4 lowest)</i>
PA	Continue enforcement of the International series Building-related and Fire codes and the floodplain management regulations (including the one foot freeboard, cumulative substantial improvement clause, and/or other provisions deemed necessary to enhance Community Rating System credits) to maintain participation in the National Flood Insurance Program and the Community Rating System.	Town of JI	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 through development and implementation of a comprehensive program. Enhance efforts at improving water quality through the Community Action for a Renewed Environment (CARE) project.	Planning Public Works Building Services	General Fund Enterprise Fund Grant Funding	Improve water quality; minimize future flood damage; reduce existing flood damage; 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 implementing the stormwater master plan for Charleston County and the applicable regulations.	Public Works	Enterprise Fund Grant Funding	Minimize future flood damage; minimize future hurricane damage; protect the lives of our citizens from natural and man-made hazards	2

PA	Continue enforcement of zoning regulations, including the low density zoning provisions of the Zoning and Land Development Regulations.	Town of JI	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	Conduct or co-sponsor training workshops regarding the International Building-related, flood, and Fire Prevention Codes and Regulations, and on sustainable construction / landscaping practices, if there is interest in these workshops	Building Services	General Fund/self - supporting through workshop revenues	Educating citizens regarding vulnerability to natural hazards and steps to reduce vulnerability; minimize future flood damage; minimize future earthquake damage; improve hazard resistance of infrastructure; minimize hurricane damage; preserve environmental resources	1
PA	Continue providing information to citizens regarding propane tank anchoring	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; minimize future hurricane damages; preserve environmental resources	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.	Town of JI	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 manufactured homes installed in "A" flood zones to be on permanent foundations.	Town of JI	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
PA	Continue the Charleston County Special Inspection program for any jurisdictions that want to use it, unless the State develops a Special Inspection program for use State-wide at which time the County's program will be discontinued.	Building Services	General Fund	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.	Town of JI	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.	Town of JI	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	Work cooperatively with the S.C. Dept. of Insurance to promote the SafeHome program to Charleston County residents.	Building Services	Grant Funding	Reduce existing flood damage; minimize future hurricane damages	2
PP	Continue providing information to citizens regarding hazard safe interior rooms	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	Continue demolishing structures posing a threat to public safety, considering location within the special flood hazard area as a prioritization factor.	Building Services	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	Seek funding for retrofitting, demolishing, or relocating repetitively flooded properties, if suitable candidates can be identified.	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	Continue distributing a brochure on protecting boats from damages during hurricanes to interested citizens through expos, offices, marinas, and boat dealers.	Building Services	Grant Funding	Educating citizens regarding steps to take to reduce hazard vulnerability; minimize future hurricane damage; encourage recreational activities; preserve environmental resources, improve water quality	3
PP	Continue distributing a brochure on protecting and preserving historic artifacts to interested citizens through expos, government offices, etc.	Building Services	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 or infrastructure to enhanced hazard resistance in accordance with the County of Charleston Facilities Master Plan Update “Building Utilization and Needs Survey” (2003) or other applicable plans, if funding sources become available.	Building Services	Grant Funding	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
PP	Continue energy conservation retrofitting of County-owned facilities as resources are available.	Facilities Management	General Fund Grant Funding	Improve air quality	2
NB	Continue enforcement of the tree protection/landscaping ordinance	Town of JI	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; improve water quality; improve air quality	2
NB	Continue maintaining permanent open space as parks.	Town of JI	General Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages	2

NB	Continue encouraging the Greenbelt Advisory Board to acquire greenspace in the special flood hazard area, to the extent feasible.	Town of JI	Special Revenue Fund	Preserve environmental resources; promote long-term economic prosperity; encourage recreational activities; minimize future flood damages; improve water quality; improve air quality	2
NB	Continue participating in "Build-A-Dune" projects as funding permits, and assist other jurisdictions in participating in this initiative upon request	Building Services, Public Works	Grant Funding	Minimize future flood damage; reduce existing flood damage; preserve environmental resources; improve hazard resistance of infrastructure; minimize future hurricane damage; educating citizens regarding vulnerability to hazard and steps to reduce vulnerability; establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness for hazard events	2
NB	Continue to distribute literature on riparian buffer zones and hazard resistant landscaping to citizens through government offices and at expos.	Building Services	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; improve water quality; improve air quality	2
NB	Continue working with scouts on the Project Impact scout patch program	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

NB	Develop and implement projects to reduce air and water pollution in Charleston County.	Building Services/ Project Impact partners	General Fund	Preserve environmental resources; improve water quality; improve air quality	1
NB	Encourage cooperation between county departments, other government entities, interested businesses, and citizens regarding recommended sustainable practices to protect environmental quality	Building Services/ Project Impact committee members/ other County Departments as applicable	Grant Funding/ General Fund	Preserve environmental resources; improve water quality; improve air quality; promote long term economic prosperity	2
ES	Continue hazardous material training	Hazardous Materials Coordinator	Enterprise 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	Hazardous Materials Coordinator	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 related to a hazard event, including holding drills for EOC personnel.	Emergency Preparedness	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	Continue to require construction practices for new County-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	Continue working to attain resources and to provide training for maritime fire fighting through the Maritime Incident Response Team (MIRT).	Hazardous Materials Coordinator	Grant Funding	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 "StormReady" and "TsunamiReady" Community designations.	Emergency Preparedness	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 (COBRA) of specially trained police, fire and EMS personnel to respond to terrorist acts.	Hazardous Materials Coordinator	Grant Funding	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 sponsoring the Community Emergency Response Training (CERT) program.	Emergency Preparedness	Grant Funding	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
ES	Maintain a web-based Emergency Operations Center capability.	Emergency Preparedness	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; preserve environmental resources; promote long-term economic prosperity	1
SP	Continue the drainage maintenance and canal cleaning program	Town of JI	General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve water quality; improve hazard resistance of infrastructure; promote long-term economic prosperity	1
SP	Continue utility right of way permitting, considering emergency vehicle access and flood zone related issues in permitting decisions	Public Works	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	Continue the elevation reference mark inspection program	Public Works	General Fund	Minimize future flood damage; Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness for hazards	1
SP	Continue to provide design, permitting, and construction services for the drainage improvement projects defined in Attachment VI-C	Public Works Deputy Administrator (Transportation Sales Tax) Town of JI	Grant Funding General Fund	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; improve water quality; improve hazard resistance of infrastructure; promote long-term economic prosperity	1
SP	Continue the road repair/construction program, considering needs during evacuation and soil liquefaction potential in prioritization decisions	Public Works Deputy Administrator (Transportation Sales Tax) Town of JI	General Fund Grant Funding Enterprise Funding	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future earthquake losses; improve hazard resistance of infrastructure; promote long-term economic prosperity	1
SP	Design/elevate roadways being constructed or reworked through the ½ cent sales tax program to minimize flooding potential to the extent feasible.	Deputy Administrator (Transportation Sales Tax)	Special Revenue Funding	Protect the lives of our citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future earthquake losses; improve hazard resistance of infrastructure; promote long-term economic prosperity	1
SP	Continue to distribute a generator safety brochure to interested generator retail outlets, utility companies and the general public	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	Continue to provide information about the USGS stream gauge program to the public	Building Services	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	Provide hazard related information to all residents of Charleston County through the AT&T telephone book	Building Services	General Fund	Protecting the lives of citizens from natural hazards; reduce existing flood damage; minimize future flood damage; minimize future hurricane damage; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; improve water quality	1
PI	Continue providing hazard-related literature/information to citizens at County offices	Planning	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	Mail an outreach project to floodplain residents to those property owners whose property is located in the special flood hazard area.	Building Services	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 hurricane damage; improve water quality	1

PI	Continue providing speakers to civic groups regarding hazard related activities and environmental quality topics. Update the Speaker's Bureau list as needed.	Building Services	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; improve water quality; improve air quality	1
	Continue programs aimed towards providing resources to local schools to enhance their ability to educate students regarding hazard events and hazard event preparation. Provide educational programs at schools on hazards or environmental quality as opportunities arise.	Building Services/ Project Impact partners	Grant Funding/ Project Impact resources	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; reducing future flood damage, reducing vulnerability of infrastructure and built environment to natural and man-made hazards; improve water quality; improve air quality	1
PI	Continue participating in hazard-related/product or environmental protection-related expos or public events	Building Services	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; improve water quality; improve air quality	2

PI	Maintain the flood zone frequently asked questions page on the Charleston County web site to provide information on protecting against flood hazards to the public.	Building Services	General Fund	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	2
PI	Maintain the Project Impact internet page on the Charleston County web site to relay information on Project Impact events and methods to reduce hazard-related losses to the public.	Building Services	General Fund	Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability	2
PI	Maintain a web page with information on environmental resource protection /air and water quality pollution-reduction strategies under the Community Action for a Renewed Environment (CARE) project	Building Services	Grant Funding	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; Preserve environmental resources; improve water quality; improve air quality	1
PI	Continue educational efforts and initiatives promoting energy conservation.	Building Services	General Fund Grant Funding	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; improve air quality; preserve environmental resources	2
PI	Promote environmental pollution reduction strategies through Public Service Announcements; pilot projects; and meetings with government, neighborhood, civic, and professional groups as staff resources allow.	Building Services	General Fund	educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; Preserve environmental resources; improve water quality; improve air quality	1

PI	Continue participating in the Project Impact Outreach Project Strategy for the Community Rating System.	Building Services/ Project Impact committee members	General Fund	Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability;	1
PI	Develop a Facebook page for Project Impact and the CARE project where residents may pose questions, provide input, and view applicable CARE TV programming.	Building Services/ Project Impact committee members		Establishing cooperative relationships between public, private and non-profit sectors to enhance preparedness and recovery for hazard events; educating citizens regarding their vulnerability to natural hazards and steps to take to reduce vulnerability; Preserve environmental resources; improve water quality; improve air quality	1
GIS	Continue inter-departmental efforts to share geographic digital information and property specific construction-related information	GIS Building Services Planning Emergency Services Town of JI	General Fund Grant Funding	Protecting the lives of citizens from natural hazards; establishing cooperative relationships between the public, private, and non-profit sectors to enhance preparedness and recovery for hazard events	2

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