

Agency	Category	Goal for 2013 Action	2013 Mitigation Action	2013 Hazard Addressed	How Mitigation Action Aligns with Goals	Cost of Project	Funding Source	Status in 2018 Plan	Implementation Status	2023 Implementation Schedule	Milestones Achieved, Impediments to Implementation	Priority	
DHEC - Bureau of Air Quality Staff, Bureau of Land and Water Management, Bureau of Environmental Services Staff	Natural Resource Protection	5	Continuation of the need to identify disaster debris management sites and provide technical assistance when requested.	All Hazards	Improve interagency coordination and planning to reduce the impact of hazards	Undetermined	State Monies and Hazard Mitigation Grant Monies	Actions in progress and updates will be provided in subsequent plans until the project is completed.	Preventive disaster debris management sites are identified by City, County or State officials on an annual basis and included in the Department's list of sites to be inspected. Inspections of debris sites are scheduled to occur in the next 12 months. Inspections of debris sites are scheduled to occur in the next 12 months. Inspections of debris sites are scheduled to occur in the next 12 months.	Coordination activities will begin 10-15 days after initial start of project	Identification of the sites with the local jurisdiction and the approval of the sites with the Department.	Moderate	
DHEC - Dams and Reservoir Safety Program	Prevention	3	Monitor precipitation forecast and issue warnings to dam owners	Flood, Dam Failure, Hurricane	Enhance outreach efforts focusing on the effects of hazards	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Actions in progress and updates will be provided in subsequent plans until the project is completed.		Immediate/In-Progress		High	
DHEC - Dams and Reservoir Safety Program	Property Protection	4	Perform recurring complimentary inspections of high and significant hazard dams	Flood, Dam Failure	Data collected will be shared to identify appropriate mitigation projects	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Actions in progress and updates will be provided in subsequent plans until the project is completed.		Immediate/In-Progress		High	
DHEC - Dams and Reservoir Safety Program	Prevention	4	Following dam failures, conduct evaluations of the failure, related damage and determine improvement	Flood, Dam Failure, Hurricane	Provides data to identify appropriate mitigation projects	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Actions in progress and updates will be provided in subsequent plans until the project is completed.		Immediate/In-Progress		High	
DHEC - Dams and Reservoir Safety Program	Prevention	1	Review application packages and issue permits for construction, repair, alteration, and removal activities	Flood, Dam Failure, Hurricane, Seismic	Project designed to reduce impact on people and property	Cost varies based on project.	FEMA Non-Disaster Grant Funding and State Matching Money	Actions in progress and updates will be provided in subsequent plans until the project is completed.	Dependent on funding	Immediate/In-Progress		High	
DHEC - Dams and Reservoir Safety Program	Property Protection	1	Perform inspections during and following construction repair, alteration and removal activities of regulated dams	Flood, Dam Failure, Hurricane, Seismic	Project designed to reduce impact on people and property	Cost varies based on project.	FEMA Non-Disaster Grant Funding and State Matching Money	Actions in progress and updates will be provided in subsequent plans until the project is completed.	Implemented over the long term or as still on funding available			Moderate	
DHEC - Dams and Reservoir Safety Program	Public Education and Awareness	3	Perform workshops / seminars that spread dam safety information and education to the public and other government agencies.	Dam Failure	Enhances education focusing on the effects of hazards	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Workshops are ongoing.		Immediate/In-Progress		High	
DHEC - Dams and Reservoir Safety Program	Emergency Services	5	During dam failures, activate Dam Failure Advisory Team and meet the DHEC	Flood, Dam Failure, Hurricane, Seismic	Improve interagency coordination and planning to reduce the impact of hazards	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Ongoing/when needed		Immediate/In-Progress		High	
DHEC - Division of Acute Disease Epidemiology	Health Protection	1	Purchase, development and deployment of a suitable disease surveillance and outbreak management system. Used for surveillance for infectious diseases to include pandemic influenza and biological agents classified as potential agents of mass destruction and/or high-lethal communicable disease. Outbreak management to occur on the same platform. This will allow the seamless collection, management, analysis and reporting of case and outbreak related data.	Pandemic Influenza, Bioterrorism, Other Disease Outbreaks	Project designed to reduce impact on people and property	Funding for purchase of software / hardware - \$150,000 (pending 2012). Funding for personnel to support development and deployment \$120,000	CDC Public Health Emergency Preparedness Grant 2012-2012	Actions in progress and updates will be provided in subsequent plans until the project is completed.	Recently authorized activities do not currently exist for funding for development projects	Actions began with the approval of the grant funding in July 2012. Actions start on the 1st of the grant for the July 2012.	2012 - Newly Reported Mitigation Action 2013 - Ongoing	High	
DHEC - Dams and Reservoir Safety Program	Prevention	6	Issue Maintenance, Inspection & Repair and Emergency Orders to unsafe regulated dams	Flood, Dam Failure	Enhance compliance capabilities	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Ongoing/when needed	The Beach Erosion Research and Monitoring Program (BERMP) was developed and offers annual beach profile data to document change in dune beach systems	Immediate/In-Progress	DHEC generally attempts to obtain voluntary compliance to requests for maintenance. If the dam owners refuse to comply, three orders are issued.	High	
DHEC-OCM	Prevention, Property and Natural Resource Protection	1	Support Dune Restoration Efforts	Coastal Storms and Hurricanes, Erosion	Project designed to reduce impact on people and property	\$100,000	FMA grants, NOAA	Actions in progress and updates will be provided in subsequent plans until the project is completed.	DHEC and OCM have established and funded post-storm dune restoration projects. However, there are no mechanisms in place for continued funding.	Ongoing	Due to potential impacts during turtle nesting season, activities must be coordinated with DNR.	Low	
DHEC-OCM	Prevention, Property and Natural Resource Protection	4	Continue and Expand Beach Monitoring	Coastal Storms and Hurricanes, Erosion	Provides data to identify appropriate mitigation projects	\$250,000	NOAA Coastal Zone Management Grants, SC Beach Restoration and Improvement Trust Fund	Ongoing as funding is available	State currently does not have annual dune monitoring, monitoring, planning, and regulatory frameworks for dune restoration activities in the coastal zone.	2022 - New action: OCM funded vessel removals with the City of Poy Beach and the City of Charleston. DHEC will be working with SC ADW Working group projects with application NWP / for other early delivery opportunities.	2022 - New action: OCM funded vessel removals with the City of Poy Beach and the City of Charleston. DHEC will be working with SC ADW Working group projects with application NWP / for other early delivery opportunities.	Moderate	
DHEC-OCM in conjunction with DNR	Property and Natural Resource Protection	1	Establish a Marine Debris Reduction Program	Coastal Storms and Hurricanes	Project designed to reduce impact on people and property	\$100,000	NOAA CZM Grants, NOAA Office of Response and Restoration Grants, DHEC, DNR	Ongoing when funding is available		Annual reporting	Ongoing		Low
DHEC-OCM in conjunction with SCDM, DNR, Sea Grant	Prevention, Property and Natural Resource Protection	5	Improve hazard identification along near-beachfront coastal shoreline	Coastal Storms and Hurricanes, Erosion	Improve interagency coordination and planning to reduce the impact of hazards	\$100,000	FMA grants, NOAA, DHEC, DNR	Actions in progress and updates will be provided in subsequent plans until the project is completed.	Local jurisdiction committees have adopted hazard mitigation plans and local beach committees have been established to provide post-storm dune restoration strategies.	Ongoing		2022 - New action: DHEC-OCM completed a 5-year Coastal Hazard Strategy that resulted in a regulatory program for coastal hazard mitigation in South Carolina. DHEC will be working with SCDM and DNR to develop a DNR to issue orders to update a living shoreline program document and is working with Carolina Tech to develop a contractor training program.	High
DHEC-OCM in conjunction with the SC General Assembly	Prevention, Property and Natural Resource Protection	2	Fund the Beach Restoration and Improvement Trust Fund	Coastal Storms and Hurricanes, Erosion	Obtain resources to reduce the impact of hazards on property	\$5,000,000	State General Assembly	Actions in progress and updates will be provided in subsequent plans until the project is completed.		Ongoing	In 2008, the SC General Assembly appropriated \$4,000,000 for use in establishing the DHEC-OCM Trust Fund. The G.A. did not utilize the Beach Restoration Trust Fund for re-maintenance appropriations 2010-2012.	2022 - New action: DHEC-OCM updated proposals for Local Comprehensive Beach Management Plans and Impact Assessment Studies.	High
DHEC-OCM with assistance from SCDM, SC Sea Grant, Universities	Prevention, Property and Natural Resource Protection	5	Improve Coastal Hazard Mitigation Strategies	Coastal Storms and Hurricanes, Erosion	Improve emergency coordination and planning to reduce the impact of hazards	\$100,000	NOAA Coastal Zone Management Grants, FMA grants, NOAA Coastal Management Fellowship Hazard Mitigation Grant Monies	Actions in progress and updates will be provided in subsequent plans until the project is completed.		2 years		Moderate	
SC Sea Grant Consortium	Public Education and Awareness	3	Reduce coastal erosion and flooding, climate trends, changes in weather patterns, tropical storms, sea level rise, coastal erosion, and sea level rise. Provide technical assistance to coastal communities.	Hurricane, Coastal Flood, Coastal Drought	Enhance education efforts focusing on the effects of hazards	staff time, tools, grant funding	NOAA/National Sea Grant Office			continue		Medium	
SC Sea Grant Consortium	Public Education and Awareness	3	Reduce coastal erosion and flooding, climate trends, changes in weather patterns, tropical storms, sea level rise, coastal erosion, and sea level rise. Provide technical assistance to coastal communities.	Hurricane, Coastal Flood, Coastal Drought	Enhance education efforts focusing on the effects of hazards	staff time, tools, grant funding	NOAA/National Sea Grant Office			continue		Medium	
SC Sea Grant Consortium	Public Education and Awareness	4	Provide local policy makers with data, synthesis and assessments for making policy decisions.	Hurricane, Coastal Flood, Coastal Drought, Erosion	Provides local policy makers with data, synthesis and assessments for making policy decisions.	staff time, tools, grant funding	NOAA/National Sea Grant Office/Charleston, NFWF, UICAR			continue		High	
SC Sea Grant Consortium	Public Education and Awareness	4	Provide local policy makers with data, synthesis and assessments for making policy decisions.	Hurricane, Coastal Flood, Coastal Drought, Erosion	Provides local policy makers with data, synthesis and assessments for making policy decisions.	staff time, tools, grant funding	NOAA/National Sea Grant Office/Charleston, NFWF, UICAR			continue		High	
SC Sea Grant Consortium	Public Education and Awareness	3	Engage residents in conversation and education about hazards related to coastal flood, erosion and flooding, climate trends, changes in weather patterns, tropical storms in partnership with municipalities.	Hurricane, Coastal Flood, Drought, Erosion	Enhances education efforts focusing on the effects of hazards	staff time, tools, grant funding	SC Sea Grant Consortium, NOAA, BOEM, UICAR, NFWF, Gulf Research Program, etc.			continue		Medium	
SC Sea Grant Consortium	Public Education and Awareness	4 & 7	Engage with universities and stakeholders to conduct projects or understanding and responding to hazards in specific locations or habitats including water-based solutions.	Hurricane, Coastal Flood, Drought, Erosion	Provides local policy makers with data, synthesis and assessments for making policy decisions.	staff time, tools, grant funding	SC Sea Grant Consortium, NOAA, BOEM, UICAR, NFWF, Gulf Research Program, etc.			continue		Medium	
SC Dept. of Commerce	Property Protection	1	Increase continuity planning as a practice among SC companies	All Hazards	Project designed to minimize business disruptions and minimize time to recover.	Still under investigation, expected to be more than \$10,000	SC Dept. of Commerce funds (see ESF 24), SCMD or other funds for preparation and mitigation		Implementation would begin as soon as a decision is made relative to a final means of delivery for companies to engage in continuity planning. Depending on cost, there are three options: SC Dept. of Commerce would cover the cost or both would assist in funding the continuity planning phase for businesses.		Implementation would begin as soon as a decision is made relative to a final means of delivery for companies to engage in continuity planning assistance (i.e. a general measure vs. well-based assessment approach). Depending on cost, there are three options: SC Dept. of Commerce would cover the cost or both would assist in funding the continuity planning phase for businesses.	High	
SC Dept. of Commerce	Property Protection	3	Assist in providing comprehensive readiness (i.e. cyber security preparation, from contributions of insurance organizations, as well under "How Action Aligns...")	Man-made attacks, plus any other issues caused by natural causes	Project designed to minimize business disruptions and minimize time to recover.	Total cost undetermined	Current limited funding for DDC contractors only. Will determine cost structure and then look at Commerce/State funding with company match. ARPA has potential, but is not available yet.	This is a new addition to the 2018 plan.	DDC contractor - Cyber Continuation Assistance to under-100 year businesses. Will cover up to \$50,000 per business. The scope is further defined by the nature of the project and the nature of the business. Should have scope to plan by Q1 2022, and the project is to begin in Q2 of 2022.		DDC contractor - Cyber Continuation Assistance to under-100 year businesses. Will cover up to \$50,000 per business. The scope is further defined by the nature of the project and the nature of the business. Should have scope to plan by Q1 2022, and the project is to begin in Q2 of 2022.	Moderate	
SC Dept. of Commerce	Property Protection	1	Increase the speed at which emergency messaging is delivered to individual disaster victims to business settings. Help minimize supply chain disruptions. This activity includes upgrades to the Business Disaster Prep website.	All Hazards	Project designed to allow decision-makers maximum time to adjust to any new disaster, thereby minimizing operational down time. Give the user structural awareness. Key partners with SCDM and SC Dept. of Commerce (both support through SC Dept. of Commerce's Marketing and Communications division).	Little additional cost. Can probably be included in current Marketing and Communications Department messaging delivery mechanisms (i.e. Contact Center, Twitter, LinkedIn and other social media platforms). DDC project together fund delivery project.	Included in products already available through SC Dept. of Commerce. SC Dept. of Commerce is always prepared to examine ARPA funding options for any delivery enhancements.	This is a new addition to the 2018 plan.	Currently working on the scope of a post-out notification system. Will be a contract-based system. Will cover up to \$50,000 per business. The scope is further defined by the nature of the project and the nature of the business. Should have scope to plan by Q1 2022, and the project is to begin in Q2 of 2022.		DDC contractor - Cyber Continuation Assistance to under-100 year businesses. Will cover up to \$50,000 per business. The scope is further defined by the nature of the project and the nature of the business. Should have scope to plan by Q1 2022, and the project is to begin in Q2 of 2022.	Moderate	
SCDEW	Prevention of power loss due to inability to meet the load.		Robert E. David Building North-Block Replacement	Any hazard that may cause inconsistent electricity flow to the building.	This action protects us from the possibility of long term power loss and high generator use.	\$80,000	SCDEW Contingency Assessment Fund	N/A		Construction complete	Began on 5/2021 and will be complete in 10/2022	Construction complete	High
SCDEW	Prevention, property protection		Robert E. David Building Fire Pump Control Panel Replacement	Earthquake	This action prevents the possibility of an unsafe situation in the event the fire pump fails.	\$142,477	SCDEW Contingency Assessment Fund	N/A		Construction is currently underway.	Dec-23	The area has been prepped. Waiting on equipment - motor, control panel.	High
South Carolina Association of Hazard Mitigation	Public Information and Awareness	3	Host annual Hazard Mitigation Conference	All Hazards	Enhances outreach efforts focusing on the importance of mitigation	\$30,000	FEMA, HMOG, FHAP (technical assistance), FEMA-EMPP, FEMA-All Hazards Emergency Operational Planning	Ongoing when funding is available		Ongoing	Occurs yearly		High
South Carolina Association of Hazard Mitigation	Public Information and Awareness	3	Conduct at least one training course each year to discuss hazard-related issues including mitigation	All Hazards	Enhances education focusing on the effects of hazards	\$400 annually	South Carolina Association for Hazard Mitigation research, FEMA, HMOG, FHAP (technical assistance), FEMA-EMPP, FEMA, All Hazards Emergency Operational Planning	Ongoing - day of recovery held annually and includes mitigation plans		As funding becomes available.		Moderate	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Conserve water of specific state parks through the construction of waterwise catch basins and implementation of water education activities	Drought	Project designed to reduce impact on people and property	\$10,000	FMA grants, Existing Operating Budget	Updated and Ongoing		As funding becomes available.	Impediments: Funding and Staff	Moderate	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Strengthen all SCDEP structures to withstand earthquake-related impacts	Earthquake	Project designed to reduce impact on people and property	Millions of Dollars	Hazard Mitigation Grant Program, Pre-Disaster Mitigation, Emergency Management Performance Grant, FEMA - All Hazards Emergency Operational Planning, Public Assistance (406 Mitigation)	Updated and Ongoing		As funding becomes available.	Impediments: Funding and Staff	Moderate	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Retain facilities to prevent lightning strikes from damaging equipment and facilities	Lightning	Project designed to reduce impact on people and property	\$2,000,000	Hazard Mitigation Grant Program, Pre-Disaster Mitigation, Emergency Management Performance Grant, FEMA - All Hazards Emergency Operational Planning, Public Assistance (406 Mitigation)	Updated and Ongoing		As funding becomes available.		Moderate	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Protect and harden historic structures of the SC State Park Service	Lightning, Hurricane, Fire	Project designed to reduce impact on people and property	Millions of Dollars	Pre-Disaster Mitigation, Hazard Mitigation Grant Program, Emergency Management Performance Grant, FEMA - All Hazards Emergency Operational Planning, Public Assistance (406 Mitigation)	Updated and Ongoing		As funding becomes available.		Moderate	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Protect and harden historic structures of the SC State Park Service	Lightning, Hurricane, Fire	Project designed to reduce impact on people and property	\$200,000	Pre-Disaster Mitigation, Hazard Mitigation Grant Program, Emergency Management Performance Grant, FEMA - All Hazards Emergency Operational Planning, Public Assistance (406 Mitigation)	Updated and Ongoing		As funding becomes available.		Moderate	
South Carolina Department of Parks, Recreation and Tourism	Prevention	2	Establish timely review of beach nourishment trust fund	Hurricane, Coastal Erosion, Sea Level Rise	Project designed to reduce impact on people and property	Staff Time and Resources	N/A	New		Ongoing		High	

Agency	Project Title	Category	Priority	Description	Impact	Funding	Status	Start	End	Notes	
South Carolina Department of Parks, Recreation and Tourism	Structural/Projects/PUBLIC Awareness	W&Hs	3	Conservate water of specific state parks	W&Hs	Project designed to reduce impact on people and property	Staff Time and Resources			Approaching utilities as well as the evacuation of park visitors. Fire trucks and structural teams need to be mobilized and held down the evacuation of utilities.	Moderate
SCDH	Planning	All Hazards	3	Install OVP and Emergency Governance at Warehouse location	All Hazards	Project designed to reduce impact on people and property	\$130,000 to \$400,000			As funding becomes available.	Moderate
College of Charleston Linncoch University Center	Public Information and Awareness	Earthquake, Flood, Hurricane	3	Develop education and outreach program addressing earthquake hazards	Earthquake, Flood, Hurricane	Enhance education efforts focusing on the effects of hazards	\$25,000				Moderate
College of Charleston Linncoch University Center	Public Information and Awareness	Flood	4	Develop interactive application for flood conditions reporting and evacuation	Flood	Enhance education efforts focusing on the effects of hazards	\$50,000				Moderate
Medical University of South Carolina	Prevention	All Hazards	1	Create a Disaster Readiness University All Hazard Mitigation Plan	All Hazards	Improve interagency coordination and planning to reduce the impact of hazards	\$200,000				Moderate
Medical University of South Carolina	Prevention	Flood, Hurricane, Tropical Storm	2	Install Flood Barriers under A&T	Flood, Hurricane, Tropical Storm	Project designed to reduce impact on people and property	\$100,000				Moderate
Medical University of South Carolina	Prevention	All Hazards	3	Open House/Inches Childrens Hospital/Install Flood Barriers Under Lower Levels Childrens Hospital to be filled with or closed up with loading aircraft with weights up to 14,000 lbs or 65' in length (black)	All Hazards	Project designed to increase capability to receive patients and supplies and to reduce impact of hazards	\$2,000,000				High
Medical University of South Carolina	Prevention	All Hazards	4	Overhaul central communications room; Upgrade Radio System; purchase new Police to Voice radios; Purchase new RSI radios; update set tables.	All Hazards	Improve interagency coordination and planning to reduce the impact of hazards	\$60,000.00				High
South Carolina Department of Public Safety (SCDPS)	Prevention	All Hazards	5	Develop and implement a comprehensive O&P strategy to include planning, training, alternate facility, and equipment	All Hazards	Improve interagency coordination and planning to reduce the impact of hazards	\$10,000				Moderate
South Carolina Department of Public Safety (SCDPS)	Prevention	All Hazards	5	Develop and implement a comprehensive O&P strategy to include planning, training, alternate facility, and equipment	All Hazards	Improve interagency coordination and planning to reduce the impact of hazards	NA				Moderate
Department of Insurance	Property Protection	Hurricane, high-wind storms and other natural disasters	1	To provide results that fortify existing losses thereby strengthening those losses against the high winds associated with hurricanes and wind storms	Hurricane, high-wind storms and other natural disasters	Project designed to reduce impact on people and property	\$4,000,000				High
Department of Insurance	Life Safety and Property Protection	Hurricane, high-wind storms and other natural disasters	2	The development and implementation of a Sustainable Public Works Program and implementation of a Sustainable Public Works Program for Hurricane Season. Provide a series of workshops presenters that include: - construction and awareness of critical role in the need for professional and mitigation measures that can be implemented to strengthen and protect lives, facilities and properties against natural disasters.	Hurricane, high-wind storms and other natural disasters	Enhance education efforts focusing on the effects of hazards	\$150,000				High
Department of Insurance	Property Protection	Hurricane, high-wind storms	2	The development of a database to track the retrofits and map through the GIS digital mapping process and then use the information collected through the application process of losses associated through the great program SC Safe Home	Hurricane, high-wind storms	Information collected will be mapped and shared	\$485,000				High
SCDEW	Prevention of power loss due to inability to reset the main breaker	Any hazard that may cause inconsistent electricity flow or failure		Robert E. David Building Electrical Breaker Replacement	Any hazard that may cause inconsistent electricity flow or failure	The action protects from the possibility of long term power loss and back-up generator use.	\$80,000				High
SCDEW	Prevention, property protection	Earthquake		Robert E. David Building Fire Pump Control Panel Replacement	Earthquake	This action prevents the possibility of an unsafe situation in the event the fire pump piping fails.	\$162,477				High
Department of Motor Vehicles, Main Personnel, Mobile (013) 425-0365, Office (803) 496-9894	Property Protection, Continued Services	Flood, Hurricane, Tornado	3	Install generator backup during storms at every second DMV facility to ensure fastest return to operations after a natural disaster.	Flood, Hurricane, Tornado	Project designed to reduce impact on people and property	\$1,710,000 (estimated at \$30K per 57 service facilities)				High
Department of Motor Vehicles, Main Personnel, Mobile (013) 425-0365, Office (803) 496-9894	Property Protection, Continued Services	Flood, Hurricane, Tornado	2	Install exterior hurricane shutters on all glass doors and windows	Flood, Hurricane, Tornado	Obtain resources to reduce the impact of hazards on people and property	\$224,000 (estimated at \$220K per facility for 10 owned retail facilities)				High
Department of Motor Vehicles, Main Personnel, Mobile (013) 425-0365, Office (803) 496-9894	Property Protection, Continued Services	Flood, Hurricane, Tornado	3	Cut down large trees that are uprooted over by high winds, will destroy retail facilities	Flood, Hurricane, Tornado	Enhance outreach efforts focusing on the ways to increase resilience	\$134,000 (estimated at \$1,000 per tree for 134 trees, across 22 facilities statewide)				High
Clemson University	Public Education and Awareness	All Hazards	1	Expand the University's Emergency Notification System to use mass campus sites	All Hazards	Expansion designed to reduce impacts on people	Cost will be based on the specific number of sites.				Moderate
Clemson University	Public Education and Awareness	All Hazards	1	Implement standard indoor emergency notification system	All Hazards	Project designed to reduce impact on people and property	Unknown				Moderate
Clemson University	Property Protection	All Hazards	2	Reduce the Emergency Operations Center by a location with emergency power, increased protection and adequate parking	All Hazards	Project designed to enable emergency response to reduce impact on people and property	\$100,000				High
Clemson University	Prevention	All Hazards	4	Continue development of University GIS mapping and integration into the Campus Operations Picture for other campus and security of hazards each location from to improve planning and response.	All Hazards	Designed to reduce the impact of hazards on people and property through improved planning and tracking response.	Unknown				Moderate
Clemson University	Emergency Services	All Hazards	5	Develop integration between SC's Palmetto and Clemson's W&H&O&C	All Hazards	Designed to improve information sharing between SC and Clemson University to improve planning and response.	Unknown				Moderate
Clemson University	Public Education and Awareness	All Hazards	3	Develop an Emergency Management Information/Network program to address the hazards based at each location and all hazards	All Hazards	Designed to increase resilience among the population and University	Unknown				High
Clemson University	Planning	All Hazards	5	Coordinate Emergency Management and Continuity of Operations Plans (EOP) and equipment mitigation measures on both	All Hazards	Improve coordination and planning to reduce the impact of hazards	Unknown				Moderate
The Citadel	Planning	All Hazards	3 and 4	Using all forms of social media from Facebook to Twitter to enhance the preparation of campus (staff, faculty and staff) and in the process of researching use of the all phone apps on the market that reports emergency and alerts users of campus of any hazards occurring.	All Hazards	Improve communication skills and information sharing to protect facilities of the community. Appropriate hardware. Provide regional viable cost best communications direct as well as providing preparedness education through communicating with the community.	\$44,000				High
The Citadel	Planning	All Hazards	2,3, and 4	The Director of Environmental, Health, Safety and Emergency Management participates in all Federal, State, County and City emergency calls during the disaster. The Director of Risk/ Emergency Management is the liaison between the agencies and the school.	All Hazards	Improve the emergency coordination and planning during disaster and updates.	Unknown				High
The Citadel	Planning, Public Education and Awareness	Terrorism		PS&P continues to focus on activities involving active shooter and terrorism. An active shooter drill was conducted in September 2012 and annually.	Terrorism	Provide practice training that allow people within the community to learn how to respond to real world security events.	Unknown				Operational
The Citadel	Property protection, construction of buildings	Natural Hazards, building codes	7	All new construction (Campus, DMV, State Post Offices, Books Hall) are built to the standards involving seismic (Earthquake), flooding and hurricane standards.	Natural Hazards, building codes	Use up to date building codes to help protect against natural hazards, retrofitting old buildings to meet stand current hazards mitigation/prevention measures.	Unknown				High
The Citadel	Property protection, construction of buildings	Natural Hazards, flooding	7	Flag poles have been installed to minimize flooding from heavy rainfall and high tides. This refers used in residential and forest of debris on flag poles on the job (the job they are doing).	Natural Hazards, flooding	Use up to date building codes to help protect against natural hazards, retrofitting old buildings to meet stand current hazards mitigation/prevention measures.	Unknown				High
The Citadel	Property protection, public outreach	All Hazards	3 and 7	The campus has purchased and installed a "Voice Over IP" system that serves the entire campus. Announcements are pre-recorded or actual live voice announcements. Plus, we are researching purchasing phone apps that will alert individuals what is happening on campus and can alert the phone.	All Hazards	Installing IP system allows for larger communications throughout the community as well as updating building codes to provide updated safety resources.	Unknown				High
The Citadel	Public Outreach, Planning	All Hazards	8, 9, 3	Hazard Mitigation has been added to career orientation and to new faculty and staff orientations.	All Hazards	Providing mitigation information to new incoming students allow for face strengthening of mitigation practices, more people are reached within the community, and enhance emergency practices.	Unknown				High
Department of Natural Resources	Prevention	Hurricane, flood, landslide, earthquake, sea level rise and climate change	3	SLDMAP project, phase I, II and III	Hurricane, flood, landslide, earthquake, sea level rise and climate change	Enhance outreach efforts focusing on the ways to increase resilience	Phase I - \$3,800,000, Phase II - \$2,150,000, Phase III - \$1,650,000				High
Department of Natural Resources	Prevention	Drought, Wildfire	5	Develop Statewide Drought Management and Mitigation Plan.	Drought, Wildfire	Improve interagency coordination and planning to reduce the impact of hazards	\$1,500 - \$21,000				High
Department of Natural Resources	Prevention	Drought	6	Require drought mitigation plans for industry and private water systems.	Drought	Enhance compliance capabilities	Staff time and resources				High
Department of Natural Resources	Prevention	Flood	6	Establish state law requiring municipal storm drainage systems to flow at 80% of design capacity.	Flood	Enhance compliance capabilities	Staff time and resources				Moderate
Department of Natural Resources - Flood Mitigation Program	Prevention	Flood, Hurricane, Non-tropical	3	Protective FEMA funded projects for the Protective Levee, Protective Levee and Substantial Damage Structures.	Flood, Hurricane, Non-tropical	Enhance the ability to receive funding for FEMA projects thus reducing the impacts of flooding on people and property.	Staff time and resources				Moderate
Department of Natural Resources - Flood Mitigation Program	Prevention, Public Information and Awareness	Flood	3	Encourage participation of local governments in the National Flood Insurance Program and the Community Rating System.	Flood	Enhance outreach efforts focusing on the importance of mitigation.	Staff time and resources				Moderate
Department of Natural Resources - Flood Mitigation Program	Prevention	Flood	4	Update Flood Insurance Rate Maps statewide through the Map Modernization Initiative.	Flood	Data collected will be utilized to update Flood Insurance Maps throughout the state	-\$12 million				Moderate
SC State Climate Office, SC, SA Grant	Public Education and Awareness	Drought	4	Supporting Coastal Drought Impact Reporting	Drought	Provides data to identify appropriate mitigation projects	Unknown				Moderate
SC Labor, Licensing and Regulation, South Carolina Building Code Council	Prevention	All Hazards	1	Strengthen existing building codes	All Hazards	Policy designed to reduce impact on property	N/A				High

SC Labor, Licensing and Regulation, South Carolina State Fire	Prevention	5	Improve interagency coordination	All Hazards	Pre-incident planning to enhance response to emergencies	N/A	N/A	New	Ongoing	Ongoing	Ongoing	1-Jan-23	Meeting with SCHEM to create Firefighter Mobilization plans within Public, engage DHS in creation process to meet program capabilities	Low	
SC Labor, Licensing and Regulation - South Carolina Fire Academy	Prevention	3	Enhance training, education, and outreach	All Hazards	Train first responders to respond to all hazards	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing		Continuing to provide training and education to meet the growing needs of first responders to respond to all hazard emergencies	Moderate	
SC Labor, Licensing and Regulation - South Carolina Emergency Call Centers	Prevention	2	Refresh and replace SCTY-1 installed and new equipment cache	All Hazards	Obtain resources necessary to respond to all hazards	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Moderate	
SC Labor, Licensing and Regulation - South Carolina State Fire	Prevention	6	Review of policies and procedures	All Hazards	Review policy and procedures for accuracy and relevance	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing	Yearly		Low	
SC Labor, Licensing and Regulation - South Carolina State Fire	Prevention	9	Support Community Risk Reduction activities	All Hazards	Support Community Risk Reduction activities	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Low	
SC Labor, Licensing and Regulation - South Carolina State Fire	Prevention	4	Collect and utilize data to support CRR and other projects	All Hazards	Collect and utilize data to support CRR and other projects	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Low	
SC Labor, Licensing and Regulation - South Carolina State Fire	Prevention	4	Collect CLEARM Travel data on fire incidents	Fire	Collect and utilize data to identify fire risks within communities	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Low	
Forestry Commission	Prevention	7	Natural Resource protection	Fire	Clear land-level operations to minimize wildfire	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Low	
Forestry Commission	Prevention	3	Community outreach to educate on wildfire risk	Fire	Education committees on their wildfire risks and mitigation actions to reduce wildfire risk	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing			Low	
Forestry Commission	Prevention	4	Utilize data to identify high-risk wildland fire areas and provide community outreach to education community on risk and mitigation practices	Fire	Utilize fire occurrence data and GIS tools to identify areas where wildland fire fuels and increased wildfire risk exist and deploy targeted wildfire prevention teams to educate homeowners, wildfire outdoor burning bans, and fire alarm for rapid response to wildfires	N/A	N/A	Ongoing	Ongoing	Ongoing	Ongoing	January 1 - April 30		Low	
SC Labor, Licensing and Regulation, South Carolina Building Codes Council	Public Education and Awareness	3	Community outreach about the importance of being bonded contractors	All Hazards	Educating the public about risks associated with being unbonded contractors	n/a	n/a	New	emerging	emerging	emerging		Press releases and social media posts are reviewed annually and made for use in the event of a hazard. The Contractors License Board and Handbuilt Builders' Contractors also prepare and make necessary updates to their websites weekly	High	
SC Labor, Licensing and Regulation, South Carolina Building Codes Council		1	Ensure staff availability and efficiency for continued licensure for all LA Boards in the event of a hazard	All Hazards	LA Board licensure of medical professionals and contractors. Ensuring licensure continues in the event of a hazard helps protect people and property.	n/a	n/a		emerging	emerging	emerging		All boards are required to maintain up to date licensure information in paper form and electronic form as an all-in-one location to the most a-hazard by using the Enterprise Building. All Boards also have 2 staff members with remote access and agency equipped to ensure licensure can continue during a hazard.	High	
The Salvation Army, North Carolina & South Carolina Division	Prevention/Preparedness	2	Survey all SA-owned facilities providing community services to SC for existing electrical service and to assist transfer switch for back-up power	Flood, Hurricane, Severe Weather, Winter Storms, Tornado	Obtain resources to reduce the impact of hazards on people and property	\$500,000	HRMP, Salvation Army property and for disaster funds	2023 - Ongoing at funding is available	dependent on funding	Phase 1 - Locations along and east of I-95, Phase 2- Remaining locations		2018 - Ongoing		High	
The Salvation Army, North Carolina & South Carolina Division	Prevention/Preparedness	2	Install back-up power (generator/transfer switch) necessary to all SA-owned facilities in SC providing community services	Flood, Hurricane, Severe Weather, Winter Storms, Tornado	Obtain resources to reduce the impact of hazards on people and property	\$7,500,000	HRMP, Salvation Army property and for disaster funds	2023 - Ongoing at funding is available	dependent on funding	Phase 1 - Locations along and east of I-95, Phase 2- Remaining locations		2018 - Ongoing		High	
The Salvation Army, North Carolina & South Carolina Division	Prevention/Preparedness	2	Conduct year-round inspections and testing of smoke detectors in SA facilities	Flood, Hurricane, Severe Weather, Winter Storms, Tornado	Obtain resources to reduce the impact of hazards on people and property	\$2,000,000	HRMP, Salvation Army property and for disaster funds	2023 - Ongoing at funding is available	dependent on funding	Phase 1 - Locations along and east of I-95, Phase 2- Remaining locations		2018 - Ongoing		High	
South Carolina Department of Health and Elder Care (SCDHHS)	Public Information and Awareness	5	Develop a detailed disaster plan and directory for linking emergency medical incident and emergency services to potential hazards. This would include plans for telework and an emergency response plan.	All Hazards	will coordinate with local agencies to reduce the impact of hazards on people and property	none known	N/A		In progress	on going				High	
Department of Natural Resources - State Climate Office	Prevention and Planning	4	Improve current state and federal programs addressing drought	Drought	Analyzes will improve drought mitigation	None entered	Pre Disaster Mitigation, Hazard Mitigation Grant Program, Emergency Management Programs	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Ongoing	Ongoing	Ongoing		Reorganizing the State Climate Office (SCO) and fund allocation to meet the increased demand for drought monitoring and communications both within the State and to the US drought monitor (USDM) within the agricultural sector and advisory to the State Legislature that a new Wildlife Resources Catastrophe provision was made, and the provision should reside within the SC0. The provision has significantly enhanced drought monitoring and drought catastrophe estimates and a new drought mitigation plan to the best level, establishing a process of communication to the USDM partners, producing a weekly newsletter that reports the USDM drought response, meeting a monthly water resources survey and having seasonal webinars.	Moderate	
Department of Natural Resources - State Climate Office	Prevention and Planning	6	Amend Drought Response Act 49-21-70 and supporting regulations. Major amendments include: 1) Reorganize drought response system, industry and state services responsible for the protection of water for public or private use to develop Drought Management Plans, 2) Remove Drought Contingency Funds and appropriations process, 3) Remove the involvement of the Administrative Law Judge Division in the drought designation process.	Drought, Wildfire	Enhances compliance capabilities	Staff time and resources	State appropriations	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	No progress to date.	Will require legislative approval during the next Legislative Session (January 2025)			Two drought and water shortage "tolerance exercises" have been conducted.	High	
Department of Natural Resources - Marine Division	Prevention and Planning	3	Provide training for Certified Boating Managers with continuing education credits to advanced boating. Boat impacts, water based activities, and relevant regulations to coastal South Carolina.	Flooding	Staff time and resources	NOLA/NEER Operations fund	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	emerging	emerging	emerging			emerging	High	
Department of Natural Resources - Marine Division	Prevention and Planning	3.7	Shoreline Stabilization at McKean Field Station	Severe erosion	Staff time and resources	NOAA/FEMA	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	design phase complete.	FY23	emerging	emerging		emerging	High	
Department of Natural Resources - Marine Division	Prevention and Planning	8	Participating in multiple collaborative projects to further resilience planning for marsh migration in the ACE Basin, increasing oyster reef and marsh resilience to more different place and projects.	marsh flooding, habitat change, erosion	Staff time and resources	NOAA NEER Operations Award, NOAA USA, NOAA, NFWF	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	design phase complete, and community engagement	emerging	emerging	emerging		emerging	High	
Department of Natural Resources - Marine Division	Property Protection	1	MDR to help to aid flood prone areas to all exterior opening, caulking all doors, and sealing a FEMA area pump/dumping the emergency equipment.	Flooding	Project designed to reduce impact on people and property	401,156.00	FEMA funding	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	No progress to date.	Waiting on approval A1			Phase 1 design	High	
Department of Natural Resources - Marine Division	Property Protection	1	MID construction to improve safety of the barrier sand dune	Flooding	Project designed to reduce impact on people and property	644,630.00	State appropriations	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Shoreline in place	Established A1 for phase 1 but shore line is not constructed.			Phase 1 A1 and engineering have started.	High	
Department of Natural Resources - Marine Division	Property Protection	1, 2, 3, A, S, A, 7	Living shorelines research, implementation, outreach and education	Sea level rise, Hurricanes	Reduce risk of impacts and increases resiliency	Staff time and resources	Competitive research and implementation grants, with collaborative state-agency partnerships	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	In progress	Activities at all sites are continuing and being applied to new areas			Several successful funding awards, research, and implementation, two state regulations allowing for living shorelines.	High	
Department of Natural Resources - Marine Division	Prevention	1, 2, A, S, 7	Fair Johnson Master Planning	Sea level rise, Hurricanes	Reduce risk of impacts and increases resiliency	Billion?	Funding awarded for master planning, funding for implementation	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	In progress	Master Plan completed in 2022; implementation of first two and second three in progress			Master Plan was completed during 2022 implementation and 2023 implementation is ongoing	High	
Department of Natural Resources - Marine Division	Prevention	1.7	Wildfire Mitigation Center (WMC) back stabilization	Sea level rise, Hurricanes	Reduce risk of impacts and increases resiliency	Staff time and resources	Working with local Realtor/Gardeners for assistance	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	In progress	WMC will work with local Realtor/Gardeners to design and build native vegetative buffer plantings to stabilize the shoreline, engage waterworks and new plantings/restoration.			Restoration of riparian buffer on the second long term	High	
Department of Natural Resources	Prevention		Property suggestions that will buffer coastal areas (bars for marsh migration, buffer rivers (Biohabitats), and provide carbon sinks through the construction of forest cover.	Sea level rise, Hurricanes	Reduce risk of impacts and increases resiliency	Staff time and resources	US Fish and Wildlife, NOAA and other grants	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	In progress	emerging	emerging		emerging	High	
Department of Natural Resources	Prevention		DNR staff utilize prescribed burn to reduce fuel layers that could be ignited during a drought if there are no options over the lightning or carbon burning	Drought, Lightning	Reduce risk of impacts and increases resiliency	Staff time and resources		Active in ongoing and updates will be provided in subsequent phases until the project is completed.	In progress	emerging	emerging		emerging	High	
Department of Natural Resources	Prevention	3	SC LIDAR project, phase 1L and 1B	Hurricane, flood, landside, earthquake, sea level rise and climate change	Enhances outreach efforts focusing on the ways to increase resilience	Phase 1 - \$1,800,000, Phase II - \$2,150,000, Phase III - \$1,850,000	FEMA, Flood Map Modernization, US Army Corps of Engineers, US Forest Service, US Fish and Wildlife Service, US Geological Survey, US Dept. of Agriculture, US Dept. of Energy, SC Dept. of Natural Resources, SC Dept. of Health and Environmental Control, SC Dept. of Parks, Recreation and Tourism, SC Dept. of Transportation, and others in the SC LIDAR Consortium, Pre-Disaster Hazard Mitigation Grant, Hazard Mitigation Grant	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	2009 - Phase II included the collection and processing of LIDAR data for 18 counties. Phase III completed 17 more counties. Phase III will complete the remaining counties of SC, PRIAR & LIDAR ADDITIONAL FUNDING.	January 1, 2007 through February 28, 2009 (Phase I) January 1, 2009 through December 2010 (Phase II & III)		2017 - Completed		High	
Department of Natural Resources	Prevention	5	Develop Statewide Drought Mitigation and Resilience Plan.	Drought, Wildfire	Improve interagency coordination and planning to reduce the impact of hazards	\$15,000 - \$25,000	Hazard Mitigation Grant Program, Pre-Disaster Hazard Mitigation Grant	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Planning to develop to implement this action. Once funding for the action is received, implementation will begin.	Dependent on the acquisition of state or federal funding.			2023 - Pending several funding/grants. The Drought Resilience Act has not yet been enacted. The State Emergency Management Plan was updated October 2023.	High	
Department of Natural Resources	Prevention	6	Require drought mitigation plans for industry and private water systems.	Drought	Enhances compliance capabilities	Staff time and resources	Natural Resource Conservation Service - Watershed Protection and Flood Prevention Program	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	No progress to date.	Ongoing			2020 - The Drought Resilience Act has not been amended to require drought mitigation plans for water utilities.	High	
Department of Natural Resources	Prevention	6	Establish state law requiring municipal electric drainage systems to flow to 100% of basin capacity	flood	Enhances compliance capabilities	Staff time and resources	FEMA grants	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Currently no law in place	Currently no law in place			2018 - Currently no law in place for 2019 - Currently working on legislation.	Moderate	
Department of Natural Resources - Flood Mitigation Program	Prevention, Public Information and Awareness	3	Statewide Inundation Mapping	flood	Enhanced states ability to prepare, plan and respond to flooding disasters	4,500,000	Hazard Mitigation Grant Program, State funding	N/A	Ongoing	Ongoing	Ongoing		SC Flood Inundation and Mapping for 2019 website (partially complete) has been built and is now funding received for approximately 1/3 of the state.	High	
Department of Natural Resources - Flood Mitigation Program	Public Information and Awareness	3	New coastal storm surge model	Flood, Hurricane, Nor'easter	Enhances education focusing on the importance of mitigation	\$2,000,000	FEMA Operating Technical Partners Program	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Complexity of the project is high	Complexity of the project is high			The project to complete and the last county's map will go up for review in 2023.	High	
Department of Natural Resources - Flood Mitigation Program	Prevention, Public Information and Awareness	3	Encourage participation of local governments in the National Flood Inundation Program and the Community Rating System.	flood	Enhance outreach efforts focusing on the importance of mitigation	Staff time and resources	Community Assistance Program State Support Services Element grant	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Ongoing	DNR staff continue to work with communities to assist with NFIP CS and improve their CS rating.	Ongoing		Two hundred thirty-five (235) community agreements in the NFIP CS. Also, forty-two (42) communities participate in the CSR program. SC Communities actively voluntarily upgrade over 85 individual government and SC NFIP utility barriers.	Moderate	
Department of Natural Resources - Flood Mitigation Program	Prevention	4	Update Flood Insurance Rate Maps throughout the Map Modernization Initiative	flood	Data collected will be utilized to update Flood Insurance Maps throughout the state	\$21 million	FEMA Operating Technical Partners Program	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	Ongoing	Shoreline County is the final county to be released completing phase one of the modernization of the State Flood Insurance Rate Maps. The State has transitioned map phase two from being a "30% MAP" and another one in various stages of the process to the Waters, Lower Carolina, Sierra, Middle Carolina, Upper Carolina, South Carolina, North Carolina, and Outer Banks, Salsubatta, Block, and Tyger watersheds.	Ongoing		County-wide Flood Insurance Studies and Digital Flood Insurance Rate Maps are either published or in progress for 46 Counties. Risk MAP has transitioned majority to be based on watersheds. Nine (9) watersheds have currently been updated to have gone effective.	High	
Department of Natural Resources - State Climate Office	Prevention	6	Amend Drought Response Act 49-21-70 and supporting regulations. Amendments include: 1) Reorganize drought response system, industry and state services responsible for the protection of water for public or private use to develop Drought Management Plans, 2) Remove the involvement of the Administrative Law Judge Division in the drought designation process, 3) Reorganize Drought Contingency Structure	Drought, Wildfire	Enhances compliance capabilities	Staff time and resources	NA	Active in ongoing and updates will be provided in subsequent phases until the project is completed.	No progress to date.	Will require legislative approval during the next Legislative Session (January 2025)			Drought and Water shortage tolerance exercises were held at SCDNR in 2017 and 2019. Significant drought events have led to updating and amending the Drought Response Act.	High	
Department of Natural Resources, Karris Eviner 734-3765	Property Protection	1	Retain agency Region IV's mandate to prevent substantial loss to wetland natural resources and the event of disasters	Flood, Hurricane, Tornado	Project designed to reduce impact on people and property	\$302,220	FOP, DMGP	Action completed in 2017		(1) Preserve construction in progress wetland and riparian habitat. (2) Construction completion date set for 1/31/2018. (3) Columbia Region Risk Office project is currently on hold due to budget constraints.			(1) Preserve construction in progress wetland and riparian habitat. (2) Construction completion date set for 1/31/2018. (3) Columbia Region Risk Office project is currently on hold due to budget constraints.	High	
Department of Natural Resources, Karris Eviner 734-3765	Prevention	2	Retain agency Region IV's mandate to prevent substantial loss to wetland natural resources	Flood, Hurricane, Nor'easter, Tornado	Obtain resources to reduce the impact of hazards on people and property	\$300,000	FOP, DMGP	Action complete		(1) MDR has progressed early and is currently complete. (2) Quarantine Office's construction completion date set for 1/31/2018. (3) Quarantine Office's construction completion date set for 1/31/2018. (4) Quarantine Office's construction completion date set for 1/31/2018. (5) Quarantine Office's construction completion date set for 1/31/2018.			(1) MDR has progressed early and is currently complete. (2) Quarantine Office's construction completion date set for 1/31/2018. (3) Quarantine Office's construction completion date set for 1/31/2018. (4) Quarantine Office's construction completion date set for 1/31/2018. (5) Quarantine Office's construction completion date set for 1/31/2018.	High	
Office of Regulatory Staff - SC Broadband Office	Preparedness	1	Assess for current and future weather- and climate-related risks to new Broadband infrastructure project investments	All Hazards	Committee who lack access to broadband are also often the most vulnerable to extreme weather and climate events. This coordination effort results in a lack of critical communications infrastructure to respond during these emergencies. Building climate-resilient broadband infrastructure for such connectivity projects ensures emergency preparedness and how power outages will affect the community.	Undetermined	National Telecommunications and Information Administration (NTIA)	New	Initiating planning phase of study	Immediate/ongoing				Potential significant effects to data from Broadband Service Providers. Data is proprietary to users, considers confidential/trade secrets.	High
Office of Regulatory Staff - SC Broadband Office	Preparedness	1	Establish siting and design specifications to deploy Resilient Broadband Infrastructure	All Hazards	Establish siting and design specifications for deployment of resilient broadband infrastructure	Undetermined	National Telecommunications and Information Administration (NTIA)	New	Initiating planning phase of study	Immediate/ongoing				Potential significant effects to data from Broadband Service Providers. Data is proprietary to users, considers confidential/trade secrets.	High
Office of Regulatory Staff - SC Broadband Office	Preparedness	1	Evaluate DOE's and private areas where a single point of failure exists around Broadband Connectivity	All Hazards	Evaluate options like mobile fiber and resilient connectivity utilizing satellite based technology.	Undetermined	National Telecommunications and Information Administration (NTIA)	New	Initiating planning phase of study	Immediate/ongoing				Potential significant effects to data from Broadband Service Providers. Data is proprietary to users, considers confidential/trade secrets.	High

The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	2-acre Boyd Living Shoreline in Georgetown, SC	Coastal Insects, Floods, Sea Level Rise	\$1M	Boyd Foundation, Boeing	In permitting phase	2022 Design & Permitting 2023 Permitting & Construction	Permitting phase has been 15 months long, still waiting	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	200' Living Shoreline at MEAS Beaufort	Coastal Insects, Floods, Sea Level Rise	\$333,050	NOAA Transformational Habitat Restoration Grant	In permitting phase	2022 Design 2023-24: Permitting & Construction	Pre application permit meetings have identified the opportunity to use the C&P process for 100% approval and we are requesting the NMP&R from the Corps by exemption.	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	250' Golfing Living Shoreline	Coastal Insects, Floods, Sea Level Rise	\$61,174	Wildlife Conservation Society Climate Adaptation Fund, Duke	Completed	2020: Construction 2017-2022: Monitoring	This living shoreline was installed 7 yrs ago and has shown significant success. Shoreline erosion was abated and marsh has almost completely regrown behind the structure. Additionally, larger system thrive on the structure.	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	Cherului Bay Resilience Project	Floods	\$2.17M	FEMA BRIC	Pending Funding	Dependent on timing of BRIC funding	Dissected not eligible for FEMA BRIC due to Storm Co. not currently identified for further review - Round 2 of BRIC FY21	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	Church Creek Remediation Project	Floods	\$3.32M	NFWF National Coastal Resilience Funding, City of Charleston, Google	Permitting and Construction underway	2020: NFWF Funding Received 2021-22: Project Design and Permitting 2023: Permitting and Construction	Construction underway on Round 2 completed. Constructed wetland on West Co and ecotyped park at bridgeport will under technical review/permitting.	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	Nature-Based Coastal Resilience Implementation Plan	Hurricanes, Coastal Insects, Floods, Sea Level Rise	\$1.69M	NOAA Transformational Habitat Restoration Grant	Not started yet	July 2023 - June 2024: Data collection, website development & Community Ambassador recruitment. July 2024 - June 2025: stakeholder workshops & project development	Review of the work will be based on recommendations & guidance. Key in agreement on priorities for siting and ability to move forward on funding and construction the project over the next 10 years. Will also require permitting agencies to understand needs and write permits for the marsh area NRI in South Carolina.	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	Implement prescribed fire operations	Wildfires	\$350,000	USFS, NFWF, US Fish and Wildlife Service, WestRock, Smith Family Foundation	On-going, long-term commitment	Annually between October and June	Smoke impacts, soil infiltration, shading, outdoor burning (diffusion between outdoor burning of yard debris and prescribed fire), increased and sustained funding, qualified capacity to conduct operations	Moderate
The Nature Conservancy	Moderate	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	Assist partners with prescribed fire operations	Wildfires	\$300,000	USFS, NFWF, US Fish and Wildlife Service, Google, Smith Family Foundation	On-going, long-term commitment	Annually between October and June	Smoke impacts, soil infiltration, shading, outdoor burning (diffusion between outdoor burning of yard debris and prescribed fire), increased and sustained funding, qualified capacity to conduct operations	Moderate
The Nature Conservancy	Moderate	Goal 8: Enhance training, education, and outreach efforts focusing on the effects of hazards, importance of mitigation, and ways to increase resilience.	Prescribed Fire Training Exchange	Wildfires	\$300,000	USFS, NFWF, Keweenaw Towaway Habitat Enhancement Program, OGI	12/1/2025	10/30/2023 to 11/09/2023	Planning phase began for delivery of training in the fall	Moderate
The Nature Conservancy	Moderate	Goal 5: Improve interagency coordination and planning to reduce the impact of hazards on people and property.	Environmental Assessment (NEPA) for prescribed fire operations on Hunting Island National Seashore (US Forest Service)	Wildfires	\$50,000		Plan is being implemented	Completed	Scoping of growing season prescribed fire impacts	Moderate
The Nature Conservancy	Moderate	Goal 5: Improve interagency coordination and planning to reduce the impact of hazards on people and property.	Environmental Assessment (NEPA) for increasing prescribed fire operations on Andrew Pickens Ranger District (US Forest Service)	Wildfires	\$50,000	Smith Family Foundation	Project is in public-scoping	02/10/2022 through 6/2/2024	effects analysis complete	Moderate
The Nature Conservancy	Moderate	Goal 4: Collect and utilize data, including studies and analyses, to improve understanding to support hazard resilience and identify appropriate mitigation projects.	Black River Floodplain Valuation Study	Hurricanes, Coastal Insects, Floods, Sea Level Rise	\$30,000.00	Dorothy and Gaylord Donnelly Foundation	Completed		Study shows that a 5-year storm would behave as a 200-year storm if the floodplains of the Black River were filled. The majority of flood storage resides in the current 5-year floodplain. Proposal to dam or alter stream or river channels should account for the lost floodplain storage in their cost-benefit analyses.	Moderate
The Nature Conservancy	Moderate	Goal 5: Implement policies and projects designed to reduce or eliminate the impacts of hazards on people and property.	Inshore Range District Culvert Removal Design	Floods	\$104,000.00	US Dept of Agriculture Joint Check' Program	Final plan and draft BRP development under way	July-Aug 2023: Develop and release BRP for up to 10 culvert upgrade designs. Sept 2023: Construction Selection. Oct 2023 - Mar 2024: Develop Design. design review. Mar-May 2024: Design reviews. June 2024: Design complete, begin implementation (holding contingent)	holding level, match, and scope of work agreed upon between TNC and USDA, ready to start.	Moderate
The Nature Conservancy	Low	Goal 7: Maximize use of natural resource protection measures and nature-based solutions as cost-effective means to reduce the impacts of hazards on people, property, and infrastructure.	SC Low Flow Mitigation Program	Hurricanes, Coastal Insects, Floods	\$750,000.00	Nature Conservancy Operations Dollars (many donors)	Review of 47 proposals in review by US Army Corps of Engineers and SC's Interagency Review Team	July-Aug 2023: Solicitation issued to develop program instrument. Jan 2025: Program launch. 2027-28: Initial projects used.	Construction timelines for USACE and interagency review make forecast of project implementation(s) very difficult. Once awarded, we fully anticipate the program will implement projects which have hazard reduction components, particularly for floodplains.	Low
The Nature Conservancy	Moderate	Goal 5: Implement policies and projects designed to reduce or eliminate the impacts of hazards on people and property.	Blue Wall Preserve Dam Removals	Hurricanes, Floods	\$1,000,000.00	Private donors (~5% of needed funding currently in-hand)	Final design and construction detail complete. NRP 27 currently in hand.	Mar-May 2024: BRP issued for dam removal contractors. June 2024: Contractor selection. July-Dec 2024: Dam removal and stream channel restoration.	Detail planning and permitting essential to implementation is complete. Access to dam removal sites is currently obstructed by a failing bridge. Bridge replacement is required but creating additional funding challenges.	Moderate