					1		1	1	1			
Agency	Category	Goal for 2023 Action	2023 Mitigation Action	2023 Hazard Adressed	How Mitigation Action Aligns with Goals	Cost of Project	Funding Source	Status in 2018 Plan	Impementation Status	2023 Implementation Schedule	Milestones Achieved, Impediments to Implementation	n Priority
									Potential disaster debris management sites are identified by City, County, or State officials on an annual basis and			
DHEC – Bureau of Air Quality Staff, Bureau of Land and Waste Management, Bureau of Environmental Services Staff	Natural Resource Protection	5	Communicate the need to identify disaster debris management sites and provide technical assistance when requested.	All Hazards	Improves interagency coordination and planning to reduce the impact of hazards	Undetermined	State Monies and Hazard Mitigation Grant Monies	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	evaluated by the Department to determine if they meet the regulatory	Coordination activities will begin 30-45 days after initial start of project	Identification of the sites lies with the local jurisdiction and the approval of the sites lies with the Department.	sd Moderate
									State officials co an annual basis and evaluated by the Department to determine if they meet the regulatory requirements for approval. Primarily coastal counties participate in selecting sites.			
DHEC - Dams and Reservoir Safety Program	Prevention	3	Monitor precipitation forecast and issue warnings to dam owners	Flood, Dam Failure, Hurricane	Enhances outreach efforts focusing on the effects of hazards	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Action is origoing and updates will be provided in subsequent plans until the project is completed.		Immediate/on-gong		High
			Perform reoccurring preliminary inspections of high and significant		Data collected will be shared to identify appropriate mitigation			Action is oneoing and updates will be provided in			The Department inspects high hazard dams once every two years and significant hazards every three years. The	vo
DHEC - Dams and Reservoir Safety Program	Property Protection	4	Perform reoccurring preliminary inspections of high and significant hazard dams.	Flood, Dam Failure	projects	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Action is ongoing and updates will be provided in subsequent plans until the project is completed.		Immediate/on-going	years and significant bazards every three years. The department generally inspects over 200 dams per year with less than one position currently devoted to this activity.	.th 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	Action is origoing and updates will be provided in subsequent plans until the project is completed.		Immediate/on-gong	The Department attempts to perform these inspections as soon as possible. However, some dam owners don't report	
			damage and determine improvement		· · · · · · · · · · · · · · · · · · ·			subsequent plans until the project is completed.			failures to the department and make repairs without our knowledge. Generally, the Department can adequately review an	/
DHEC - Dams and Reservoirs 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	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Dependent on funding	Immediate/on-going	application within 60 days. However, as more existing dams are and near the end of their design lives additional permits	ns High
DHEC - Dams and Reservoirs Safety Program	Property Protection	1	Perform inspections during and following construction repair,	Flood, Dam Failure, Hurricane, Seismic	Project designed to reduce impact on people and property	Cost varies based on project.	FE MA Non-Disaster Grant Funding and State Matching Money	Action is ongoing and updates will be provided in		Implemented over the long term or as staff or	are required creating additional permit reviews. Currently, inspections are performed at the completion of	of Moderate
			alteration and removal activities of regulated dams.					subsequent plans until the project is completed.	Software/hardware purchase (Jan	funding is available.	permitted work. The Dams and Reservoirs Safety Program is understaffed and	and
DHEC - Dams and Reservoirs 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	FE MA Non-Disaster Grant Funding and State Matching Money	Workshops are ongoing.	Software/hardware purchase (Jan 2012), development and configuration ongoing (Jan - Dec 2012), Deployment scheduled for Apr 2013	Immediate/on-going	permitted work. The Dams and Reservoirs Safety Program is understaffed and tasked with many different core functions. This creates an environment where time isn't available to offer workshops and seminars.	n High
DHEC - Dams and Reservoirs Safety Program	Emergency Services	5	During dam failures, activate dam failure advisory team and man the SEOC.	Flood, Dam Failure, Hurricane , Seismic	Improves interagency coordination and planning to reduce the impact of hazards	Undetermined	FE MA Non-Disaster Grant Funding and State Matching Money	Ongoing/when needed		Immediate/on-going	The Dams and Reservoirs Safety Program has been working	ng
			Purchase development and devicement of a patifiable disease		impact of hazards						closely with SCEMD and has participated in several training events at the SEOC facilities.	
	Health Protection		surveillance and outbreak management system. Used for surveillance for infections diseases to include pandenic inflaema and biological agents classified as potential weapons of maxe distriction and/or high- thread communicable diseases. Outbreak management to occur in the summ salidome. This cell allow the accurdue molecular panets are appendixed.	Pandemic Influence Rinterrorism Other Disease		Funding for purchase of software / hardware: \$150,000	CDC Public Health Emergency Preparedness Grant 2012-2012	Action is comming and undates will be provided in	Beach restoration activities do not	Actions began with the approval of the grant funding in July 2012. Action must end by the end	2012 - Newly Reported Mitigation Action 2018 - Ongoing	
DHEC - Division of Acute Disease Epidemiology	Health Protection	1	agents classified as potential weapons of mass destruction and/or high- threat communicable diseases. Outbreak management to occur in the same nlatform. This will allow the samelass collection management	Pandemic Influenza, Bioterrorism, Other Disease Outbreaks	Project designed to reduce impact on people and property	Funding for purchase of software / hardware: \$150,000 (completed 2012). Funding for personnel to support development, and deployment: \$125,000	CDC Public Health Emergency Preparedness Grant 2012-2012	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Beach restoration activities do not currently authorize funding for dune stabilization projects.	funding in July 2012. Action must end by the end of the grant in late July 2012.	2012 - Newly Reported Mitigation Action 2018 - Orgoing	ng High
			same platform. This will allow the seamless collection, management, analysis and reporting of case and outbreak related data.						The Reach Sensing Pressesh and			_
DHEC- Dams and Reservoirs Safety Program	Prevention	6	Issue Maintenance, Inspection & Repair, and Emergency Orders to unsafe resulated dams	Flood, Dam Failure	Enhances compliance capabilities	Undetermined	FEMA Non-Disaster Grant Funding and State Matching Money	Ongoing/as needed	The Beach Erossion Research and Monitoring Program (EERM) was developed and collects annual beach profile data to document change in	Immediate/on-going	DHEC generally attempts to obtain voluntary compliance in regards to maintenance. If the dam owners refuse to comply, these orders are issued.	in ply, High
			and an address of the second second						profile data to document change in active beach systems DHEC-OCRM and SCDNR have		these orders are issued.	
DHEC-OCRM	Prevention, Property and Natural Resource Protection	1	Support Dans Restoration Efforts	Goastal Storms and Hurricanes; Erosion	Project designed to reduce impact on people and property	\$100,000	HMA grants, NOAA	Action is ongoing and updates will be provided in	established and funded past marine	Ongoing	Due to potential impacts during turtle nesting season,	Law
	Protection							subsequent plans until the project is completed.	debris removal programs; however, there are no mechanisms in place for sustained funding		activities must be coordinated with DNR.	
DHEC-OCRM	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 similar mapping, monitoring, planning, and regulatory frameworks for non- beachfront shorelines in the coastal	Ongoing	2022-New action-Annual BERM data, including post-storm data collection, is available through the R.E.R.M Explorer web application: https://gis.dhec.sc.gov/bermexplorer/	m Moderate
	Protection						Improvement Trust Fund		beachfront shorelines in the coastal zone.		application: https://gis.dhec.sc.gov/bermexplorer/	
							NOAA (2M Grante NOAA Office of Researce and Restoration				2022-New action-DHEC OCRM funded vessel removals with the City of Folly Beach and the City of Charleston. DHEC OCR3	zh JRM
DHEC-OCRM 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 appropriation	Ongoing	is working with SC ADV Working Group partners to pilot a vessel turn-in and fiberglass recycling program, as well as to establish a centralized ADV database.	a Low
											2022-New action-DHEC OCRM completed a 5-year Coastal	al
DHEC-OCRM in conjunction with SCEMD, DNR, Sea Grant	Prevention, Property and Natural Resource Protection	5	Improve hazard mitigation along non-beachfront coastal shorelines	Goastal Storms and Hurricanes; Erosion	Improves interagency coordination and planning to reduce the	\$100,000	HMA grants, NOAA, DHEC, DNR	Action is ongoing and updates will be provided in	Most beachfront communities have adopted hazard mitigation plans and local comp. beach mgmt. plans. There remains a need for long-term post-	(has it is	2022-New action-DHEC OCRM completed a 5-year Coastal Hazards strategy that resulted in a regular definition and project stratednet for loving shoredress in South Cardina. DHE OCIM also fauded aroual monitoring of Dring shoredines by and is warding with Carsmon Extension to develop a contractor training program.	ed HEC
LOTELULING IN CONJUNCTION WITH SCHEME, DNR, Sea Grant	Protection	3	measure nature metagetton acceg non-beachfront coastal shorelines	Loastai Storms and Hurricanes; Erosion	Improves interagency coordination and planning to reduce the impact of hazards	\$100,000	news grants, wOAA, DHEC, DNR	subsequent plans until the project is completed.	local comp. beach mgmt. plans. There remains a need for long-term post- storm redevelopment strategies	Ongoing	DNR to inform/update a living shoreline guidance documen and is working with Clemson Extension to develop a	int stoderate
											contractor training program.	_
DHEC-OCRM in conjunction with the SC General Assembly	Prevention, Property and Natural Resource Protection	2	Fund the Beach Restoration and Improvement Trust Fund	Geostal Storms and Hurricanes; Erosion	Obtains resources to reduce the impact of hazards on property	\$5,000,000	State General Assembly	Action is orgoing and updates will be provided in subsequent plans until the project is completed.		Ongoing	In 2008, the SC General Assembly appropriated \$4,089,407 for re-nourishment in the DHEC supplemental budget. The GA di not utilize the Beach Be-nourishment Trast Fund for re- nourishment appropriations. 2018 - Oragoing	did High
											nourishment appropriations. 2018 - Ongoing 2022.New action-DHEC OCEM under and annua for Local	-
DHEC-OCRM with assistance from SCEMD, SC Sea Grant, Universities	Prevention, Property and Natural Resource Protection	5	Improve Goastal Hazard Mitigation Strategies	Geostal Storms and Hurricanes; Erosion	Improves interagency coordination and planning to reduce the impact of hazards	\$100,000	NOAA Goastal Zone Management Grants, HMA grants, NOAA Coastal Management Fellowship Hazard Mitigation Grant Monies	Action is ongoing and updates will be provided in subsequent plans until the project is completed.		2 years	2022-New action-DHEC OCRM updated guidance for Local Comprehensive Beach Management Plans to include Community Rating System elements	Moderate
S.C. Sea Grant Consortium	Public Education and Awareness	3	Educate community professionals about hazards related to coastal tidal flooding, extreme rais and flooding, climate trends, changes in weather, tropical storms og. Real estate professionals, state, county and	Hurricane, Coastal Flood, Coastal Drought	Enhances education efforts focusing on the effects of hazards	staff time, tools, grant funding	NOAA/National Sea Grant Office			routine	see Consortium Accomplishments and Impacts	High
			repical storms og som estate processionale, state, county and manicipal staff, narsing students Educate teachers about hazards related to coastal tidal flooding,		-							
S.C. Sea Grant Consortium	Public Education and Awareness	3	extreme rain and flooding, climate trends, changes in weather, tropical storms . Flooding and Sea Level Rise Vulnerability Assessments including	Hurricane, Coastal Flood, Coastal Drought	Enhances education efforts focusing on the effects of hazards	staff time, tools, grant funding	NOAA/National Sea Grant Office			routine		Medium
S.C. Sea Grant Consortium		4	developing data sets, field monitoring and obtaining equipment	Hurricane, Goastal 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/Manicipalities, NFWF, UCAR			routine		High
S.C. Sea Grant Consortium		4	needed. Providing Technical Expertise/Contributing to County and Municipal Hearard Mitigation Plans Serve on SCOR Advisory Committee	Hurricane, Coastal Flood, 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/Municipalities, NFWF, UCAR			routine		High
S.C. Sea Grant Consortium		2	Serve on SLOR Advisory Committee Engage residents in conversation and education about hazards related to coastal tidal flooding, extreme rain and flooding, climate trends,							routine		High
S.C. Sea Grant Consortium	Public Education and Awareness	3	changes in weather, tropical storms in partnership with municipalities	Harricane,Coastal Flood, Drought, Erosion	Enhances education efforts focusing on the effects of hazards	staff time, tools, grant funding						Medium
S.C. Sea Grant Consortium			Provide funding or engage with researchers or communities to obtain funding for Hazard Mitigation objectives Engage with reserachers and stakeholders to conduct projects for	Hurricane,Coastal Flood, Drought, Erosion	Provides local policy makers with data, synthesis and assessments for making policy decisions.	staff time, tools, grant funding	S.C. Sea Grant Consortium, NOAA, BOEM, UCAR, NFWF, Gulf Resarch Program etc					Medium
S.C. Sea Grant Consortium		4 & 7	understanding and responding to hazards in specific locations or habitats including nature-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	S.C. Sea Grant Consortium, NOAA, BOEM, UCAR, NFWF, Gulf Resarch Program etc					Medium
									Implementation would begin as soon as a decision is made relative to a final	Implementation would begin as soon as a		
									as a decision is made relative to a final means of delivery for companies to engage in continuity planning assistance (e.g. general seminar vs. web-based assessment approach).	Implementation would begin as soon as a decision is made relative to a final means of delivery for composites to engage in continuity planning assistance (e.g. general seminar vs. web based assessment approach). Depending on cost,		
SC Dept. of Commerce	Property Protection	1	Increase continuity planning as a practice among SC companies	All Hazards	Project designed to minimize business disruption and minimize time to restart	Still under investigation, expected to be more than \$10,000	SC Dept. of Commerce funds (for ESF 24), SCEMD or other funds for preparedness and mitigation			samming assistance (e.g. general seminarys, web sased assessment approach). Depending on cost, there are three options: SC Dept. of Commerce	Have began conversation with a couple of different continuit planning providers to get product scope and cost for SC-base businesses	uity used High
									options: SC Dept. of Commerce would cover the cost of implementation;	based assessment approach). Depending on cost, there are three options: SC Dept. of Commerce would cover the cost of implementation; SCEMD would cover the cost; or both would assist in	businesses	
									SCEMD would cover the cost; or both would assist in funding the continuity planning piece for businesses.	funding the continuity planning piece for businesses.		
					Project(s) designed to minimize business disruption, intellectual				DoD contractor CMMC certification assistance is under way. Further		Have begun with support for DoD contractors. Determining	ng
			Assist in providing comprehensive roadmap(s) for cyber security	Man words attache who are show income and he actuary	Project(s) designed to minimize business disruption, intellectual property theft and production downtime. Guid have cross-over with Industry 4.0 (the latest in industry data-sharing concepts and activity) awell. Would latest partner with a crefer to: SC. Manufacturing Extension Partnership (SOMEP); SLED; Cybersec Constructions of the statest of the statest of the statest of the statest statest of the statest of the statest of the statest of the statest statest of the statest of the statest of the statest of the statest statest of the statest of the statest of the statest of the statest of the statest statest of the statest of th		Current limited funding for DoD contractors only. Will determine		assistance is under way. Further support pending a review of expected	DoD contractor CMMC certification assistance is under way. Further support pending a review of semantic seman model. The seman is conclusion	Have began with support for DoD contractors. Determining scope will be key and has to be focused on building awareness moving to companies taking action and then maintaining cybersecurity efforts. Company recognition of real impact might be an impediment. Limited staff, resources and time for waller horizon son new hos howing. Percention that "nohoth	788, 6
SC Dept. of Commerce	Property Protection	3	Assist in providing comprehensive roadmap(s) for cyber security preparation, (from contributions of numerous organizations, see list under "How Action Algas")	Man-made attacks, plus any cyber issues caused by natural causes	Manufacturing Extension Partnership (SOMEP); SLED; Cybersoc (Council on Competitiveness); Small Basiness Development Center	Total cost undetermined	cost structure and then look at Commerce/state funding with company match. ARPA has potential, but is not available yet.	This is a new edition to the 2018 plan.	support pending a review of expected scope needed. The scope is evolving with pending, continuing coordination of cyber efforts. Should have scope in place by Q2 2022, especially as ARPA	Doll contractor CMMC certification assistance is under way, Further support pending a review of expected scope needed. The scope is evolving with pending, continuing coordination of cyber efforts. Should have scope in place by Q2 2022, especially as ARPA funds are determined.	might be an impediment. Limited staff, resources and time for smaller businesses may be a barrier. Perception that "only th	for Moderate
					Subtractioning extension variants (SCART); SLED, Operate (Council on Competitiveness): Small Basisenss Development Center (SBDC); University of SC (UeBSC); and the SC Critical Infrastructure Cybersecurity Task Force (SC CIC).				funds are determined.	especially as ARPA funds are determined.	smaller businesses may be a barrier. Perception that "only th other guy has problems" is another common hurdle to overcome.	
									Currently working on the scope of a push-out notification system, likely to investigation of the state of t	Currently working on the scope of a push-out		-
	Burr 7 1		Increase the speed at which emergency messaging is delivered to individual decision-makers in business settings. Help minimize supply chain disruption. This activity includes upgrade to the Basiness Disaster Don-Stop website.		Project designed to allow decision-makers maximum time to adjust for any given disaster, thereby minimizing operational down-time. Gives the user situational assurences. Key partnering with SCMD and SC Dept ed Commerce (with support from 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 (e.g. Constant Contact, Twitter, Lirkeella and other social media platforms). Still putting	Included in products already available through SC Dept. of	Which are also a second	aroove constant Contact email newsletter. Will clean up the Business Disaster One-Stop first, and then forms	Currently working on the scope of a push-out notification system, likely to involve Constant Contact email newsletter, Will chan up the Business Disaster One-Stop first, and then focus on the "push-out" notification. Work on bolatering the Business Disaster One-Stop will	Have begun both Business Disaster One-Stop planning, as w	arell
SC Dept. of Commerce	Property Protection	1	chain disruption. This activity includes upgrades to the Basiness Disaster One-Stop website.	All Hazards	Gives the user situational assureness. Key partnering with SCEMD and SC Dept. of Commerce (with support from SC Dept. of Commerce's Marketing and Commissionions district)	delivery mechanisms (e.g. Constant Contact, Twitter, Linkedin and other social media platforms). Still putting together final delivery protocol.	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 edition to the 2018 plan.	on the "push-out" notification. Work on bolstering the Business Disaster	on the "push-out" notification. Work on bolstering the Business Disaster One-Stop will	Have begun both Business Disaster One-Stop planning, as we as "push-out" investigation. Not expecting any "Constant Contact" constraints for "push-out" system.	: Moderate
						angeneration and a second second			Currency working on the scope of a push-out notification system. Below to involve Constant Contact email newsletter. Will clean up the Baniness Disaster Oze-Stop first, and then focus on the "push-out" notification. Work on bolistering the Baniness Disaster One-Stop will take place in Q1 2022, and the push-out system to begin in Q2 of 2022.	take place in Q1 2022, and the push-out system to begin in Q2 of 2022.		
SCDEW	Prevention of power loss due to inability to	To remove the main switchboard to our main administrative building and replace it with a new one. The main breaker is a 50 year old bolter pressure switch that has the possibility of not	Robert E. David Building Switchboard Replacement	Any hazard that may cause inconsistent electricity flow or		\$80,000	SCDEW Contingency Assessment Fund	N/A	Q2 of 2022. Construction complete. Warranty phase/project closeout 10/2022	Began on 5/2021 and will be complete in	Construction complete. We are currently in the warranty	y hiab
	reset the main breaker.	year old bolter pressure switch that has the possibility of not resetting if it ever trips. To rendere the first more control of the sector of		failure.	and backup generator use.					10/2022	phase.	mga
SCDEW	Prevention, property protection	resetting if it ever trips. To replace the fire pump confired panel and relocate it in an effort to separate the fire pump and piping from our main electrical room per code.	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 leaks.	\$162,477	SCDEW Contingency Assessment Fund	N/A	Construction is currently underway.	Dec-23	The area has been prepped. Waiting on equipment now. Supply chain issues.	
		Loss and and									2011/2012 - The 2011 annual had 250 attendees. The conference was a latet conference with the SC Assoc. of Barrar	rand
	B M A R and A R				Enhances outreach efforts focusing on the importance of	404.777	PDM, HMGP, FMAP (technical assistance). FEMA- EMPC FFMA. All			A	Nitigation, and the NC Assoc. of Floodplain Managers held in	d in
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	PDM, HMGP, FMAP (technical assistance), FEMA- EMPG, FEMA- All Hazards Emergency Operational Planning	Ongoing when funding is available	Ongoing	Occurs yearly	building inspections after disaster events, updating hazard mitigation plans, and mitigation strategies for coastal arear 2018 - Oneoing: 2021 - Conference was held vistorilly due to	d High as.
											Charineston, SL: Topics covered such as map modernization, building inspections after disaster events, updating hazard mitigation plans, and mitigation strategies for coastal areas. 2018 - Ongoing 2021 - Conference was held virtually due to COVID and has about 60 attendees. 2022 conference is such in person in Hilton Head Island with about 175 attendees.	for s.
										-	2011/2012 - SCAHM offered the Certified Floodplain	vax
South Carolina Association of Hazard Mitigation	Public Information and Awareness	3	Conduct at least one training course each year to discuss hazard related topics including mitigation	All Hazards	Enhances education focusing on the effects of hazards	\$400 annually	South Carolina Acsociation for Hazard Mitigation revenues, PDM, HMGP, FMAP (technical assistance), FEMA- EMPG, FEMA- All Hazards Emergency Operational Planning	Ongoing - day of recovery held annually and includes mitigation topics	Ongoing	As funding becomes available.	Samagers (U-84) autresser Course in source 2014, whice was attended by 25 students. SCAHM and SCDNR prevides instructors for the course. 2018 - Ongoing: 2021: SCAHM offers quarterly training five to members and \$25 to momembers on a variety of topics including damage	M Moderate
							manus concessory operational reating	· · · · ·			offers quarterly training free to members and \$25 to nonmembers on a variety of topics including damage assessment, hurricane modeling and flood insurance.	
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Conserve water of specific state parks through the construction of rainwater catch basins and implementation of visitor education	Drought	Project designed to reduce impact on people and property	\$10,000	HMA grants, Existing Operating Badget	Updated and Ongoing	Ongoing	As funding becomes available.	Impediments: Funding and Staff	Moderate
South Carolina Department of Parks, Recreation and Tourism	Burne Torris		practices Strengthen all SCPRT structures to withstand earthquake-related impacts			Add	Hazard Mitigation Grant Program, Pre Disaster Mitigation, Emergency Management Performance Grant, FEMA - All Hazards Emergency Operations Planning, Public Assistance (406	No. 10. 10. 1		1.4. No. 1	the second second second	- L.
-outn Caronna separtment of Parks, Recreation and Tourism	Property Protection	1	impacts	Earthquake	Project designed to reduce impact on people and property	Millions of Dollars	Emergency Operations Planning, Public Assistance (406 Mitigiation)	Updated and Ongoing	Ongoing	As funding becomes available.	Impediments: Funding and Staff	Hoderate
	1										New campground electrical systems at Hamilton Branch, Edisto Beach, Table Rock, Hunting Island, Myrtle Beach, Lake	ake
					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 Operations Planning, Public Assistance (406	Updated and Ongoing	Ongoing	As funding becomes available.	Wateree, and Chester State Parks have lightning arrestors installed; Standard practice of SCPRT is to install surge protectors for computer systems and phone lines;	Moderate
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Retrofit facilities to prevent lightning strikes from damaging equipment and facilities.	Lightning								
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	server tacutuses to porven agritud for the stress from damaging equipment and facilities.	Lightning			Mitigiation)				Impediments: Staffing/Timing/Budget. Lightning arrestor placed on facilities to prevent damage to equipment.	315
						Millions of Dollars	Mitigiation)	Undered and Overview	Ormire	de fendine hersenes souijabi-	protectors for computer systems and phone lines; Impediments: Staffing/Timing/Budget. Lightning arrestors placed on facilities to prevent damage to equipment. Hiericane abatters and windows for all costal facilities. Immediated and of directors shifting rime constrainties.	Moderate
South Carolina Department of Parks, Recreation and Tourism South Carolina Department of Parks, Recreation and Yourism	Property Protection Property Protection	1	nerror sociale to prover application with an analysing equipment and facilities. Protect and harden historic structures of the SC State Park Service	Lightning Lightning, Hurricane, Fire	Project designed to reduce impact on people and property	Millions of Dollars	Mitigization) Pre Disaster Mitigation, Hozard Mitigation Grant Program, Emergency Management Performance Grants, FEMA - All Hazards Emergency Operations Financing, Public Assistance (406 Mitigization)	Updated and Ongoing	Ongoing	As funding becomes available.	Hurricane abatters and windows for all coastal facilities. Impediments: age of structures, staffing, time constraints, budgets, and historic facilities through the park service.	s. ts, Moderate r.
						Millons of Dollars	Mitigation) Pre Disaster Mitigation, Hauerd Mitigation Gront Progress, Emergency Macagingenent Performance Contis, FEMA. All Itazeds Emergency Operations Plearing, Public Assistance (406 Mitigation) Pre Disaster Mitigation, Reard Mitigation Gront Program, Emergency Macaginement Performance Contis, FEMA. All Itazeds	Updated and Ongoing Updated and Ongoing	Ongoing	As fanding becomes available.	Hurricane abatters and windows for all coastal facilities. Impediments age of structures, staffing time constraints, budgets, and historic facilities through the purk service. Hurricane abatters installed at Edisato Beach Interpretive Center. New facilities will have sprinkler systems to meet huiding codes. Tree pruning near facilities. Impediments ag	s. ts, Moderate re et : age Moderate
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Protect and harden historic structures of the SC State Park Service	Lightning, Hurricone, Fire	Project designed to reduce impact on people and property		Mitigation) Pre Disaster Mitigation, Hazard Mitigation Grant Program, Emergency Management Performance Grants, PEMA- All Hazards Emergency Operations Warning, Public Assistance (406 Mitigation) Pro Disaster Miniation Grant Poweron			As fanding becomes available.	Harricane abatters and windows for all coastal facilities. Impediments age of structures, staffing time constraints, budgets, and batteric facilities through the park service. Harricane abatteris ratified at Edistate Brach Interpretive Center. Now facilities will have sprinkder systems to meet building codes. Tree pruning near facilities, impediments ag of structures, and bitteri	s. Moderate s. Moderate et : age Moderate
South Carolina Department of Parks, Recreation and Tourism	Property Protection	1	Protect and harden historic structures of the SC State Park Service	Lightning, Hurricone, Fire	Project designed to reduce impact on people and property		Mitigation) Pre Disaster Mitigation, Hauerd Mitigation Gront Progress, Emergency Macagingenent Performance Contis, FEMA. All Itazeds Emergency Operations Plearing, Public Assistance (406 Mitigation) Pre Disaster Mitigation, Reard Mitigation Gront Program, Emergency Macaginement Performance Contis, FEMA. All Itazeds			As fanding becomes available.	Hurricane abatters and windows for all coastal facilities. Impediments age of structures, staffing time constraints, budgets, and historic facilities through the purk service. Hurricane abatters installed at Edisato Beach Interpretive Center. New facilities will have sprinkler systems to meet huiding codes. Tree pruning near facilities. Impediments ag	s. Moderate s. Moderate et : age Moderate

South Carolina Department of Parks, Recreation and Tourism												ırk
	Structual Projects/ Public Awareness	3	Conserve water of specific state parks through construction of rainwater catch basins and implementation of visitor education practices.	Widfire	Project designed to reduce impact on people and property	Staff Time and Resources	Cost sharing grants, existing operating budget	New	Ongoing	Ongoing	Approaching wildfires as well as the evacuation og park risitors. Fire breaks and controlled burns need to be funded hold down the devastation of wildfires. Generator installation comdeted and UPS cosite. UPS insta	ded to Mode
SCDOR	Planning	1	Install UPS and Emergency Generator at Warehouse location	All Hazards	Project designed to provide backup site for headquarters	\$330,000 to \$400,000	State Funding		On-going	As funding becomes available.	Generator installation completed and UPS onsite. UPS insta expected to begin 09/1/22	Mode Mode
College of Charleston Lowcountry Hazards Genter	Public Information and Awareness	3	Develop education and outreach program addressing earthquake hxxards Develop smartphone application for flood condition reporting and	Earthquake, Flood, Hurricane	Enhances education efforts focusing on the effects of hazards	\$25,000	FEMA - Emergency Management; State of SC					Mode
College of Charleston Lowcountry Hazards Genter	Public Information and Awareness	4	communication	Flood	Enhances education focusing on the effects of hazards	\$50,000	NOAA; SC Sea Grant Consortium		No update provided		2018 - Ongoing	Mode
Medical University of South Carolina	Prevention	1	Create a Disaster Resistant University All Hazard Mitigation Plan	All Hazards	Improves interagency coordination and planning to reduce the impact of hazards	\$200,000	HMA grants, General Operating Funds	In Progress	dependent on funding	Start Sept 2022	Applying for funding in 2022.	н
Medical University of South Carolina	Prevention	2	Install Flood Barriers under ART	Flood, Harricane, Tropical Storm	Project designed to reduce impact on people and property	\$200,000	HMA grants, General Operating Funds	2022: Completed	2022:Completed	Project can be completed within three years or receipt of funding	Project completed in 2021.	21. н
Medical University of South Carolina	Prevention	3	Open Shawn Jenkim Childrenn Hospital-Jastall Flood Barriers Under Shwen Jenkim Children's Hospital-Add Helipad to Hospital capable of Janding aircraft with weights up to 14,000 Une e6's' in length (black hawk). Overhall current Communications Devices: Update Ham Radio System;	All Hazards	Project designed to increase capability to receive patients and supplies and to reduce impact on people and property	\$2,000,000.00	HMA grants, General Operating Funds	Completed February 22, 2020	Completed February 22, 2020	Start 2016	Completed February 22, 2020	н
Medical University of South Carolina	Prevention	4	Overhall current Communications Devices: Update Ham Radio System; purchase new Point to Point radios; Purchase new 800 radios; update sat radios.	All Hazards	Improves interagency coordination and planning to reduce the impact of hazards	\$50,000.00	HMA grants, General Operating Funds	Completed June, 2020	Completed June, 2020	Start 2019	Completed June, 2020	н
South Carolina Department of Public Safety (SCDP5)	Prevention	5	Develop and implement a comprohensive COOP strategy to include planning, training, alternate facility, and equipment	All Huzards	Improves interagency coordination and planning to reduce the impact of hazarda	\$10,000	1964 grants	Ongoing ence funding is available	The Department of Public Safety has completed, approved, and implemented a OXOF and an alternate site has been identified; however finding is required to provide for true cross-training of personnel, the purchase of redundant equipment (especially IT) and the identification and equipping of an alternate SCDPS HQ.	As funding becomes available.	Funding for technology apgrades remains locking	Mod
South Carolina Department of Public Solity (SCIPS)	Prevention	5	Develop nat implement a comprohensive GOP strategy in include planning, training absends for Bity, and equipment	Að Haards	Improves interagency encodinging and planning to reduce the impact of lazards	NA	Funding was made available through the State Division of technology Office (DTO)	Completed and in place 2021	SCDPS would enact our Disaster Recovery Man via Turchoit in Okarlste, NC. Odo beautions would access systema via commercial metwork connectivity (i.e. MHS) remotivity). Therebuilt basater Becovery plan indicates instandi acti- space working him including for Off staff apace working him including for Off staff apace working him including and a deciseed Disarret. Off EEG staff of support functions have apon commercially available networking and phone services at Agency locations.	2020-2021	The Torban Compares an electrical by the Torpartiest of minimarization biotechnical environments (TOTO) as re- an the dataset recovery number for hosts. According to contain the sources the version is alway agreement of the torban and the sources of the source of the torban methods and the sources of the source of the torban methods and the sources of the source of the torban methods and the source of the source of the torban methods and the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the latentian of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the source of the source of the source of the data of the source of the data of the source of the sourc	t data Modi
Department of Insurance	Property Protection	1	To provide retrofits that fortify existing homes thereby strengthening those homes 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	\$4,030,000	HMGP, PDM, State appropriated dollars associated with the SC Safe Home Program	Safe Homes program is ongoing	Ongoing	This is an ongoing grant program and any additional funds will be used to assist in the retrofit of homes.	totaling more than \$32.8 million to retrofit and strengther existing structures. SC Safe Horse is a nationally recognizes program and is, at this time the only active mitigation	hen ized Hi
Department of Insurance	Life Safety and Property Protection	2	The development and implementation of a Statewide Public Awareness Expo hold prior to Hurricane Season. Previde a series of workshops general toward the duration and awareness of citatron is 16. Cregording the need for preparedness and mitigation measures that can be implemented to engines and protect their families are properties against natural disasters. The development of a database to track the retrofits and man threads	Hurricase, high-wind storms and other natural disasters	Enhances education efforts focusing on the effects of hazards	\$150,000	HMGP, PDM, and other funding sources to include private and corporate sponsorships.	Ongoing including radio ads	Ongoing	This is an arread activity that is held near the beginning of hurricane season. The Department generally rotates the events on so to ensure all coastal regions are included.	recorrect in the US. The South Carlins Department of Imarance and the SC SM Borne Mitigatism Grast program conduct outwach activities throughout the yeardrocasing on the need for planning and prepation, These activities include but are not limited to workshops, training, espon, websites, printed materials, is persons commanity morting, etc., The Department has continued to host terms and activities ansmitty incl. 2007	and l to Hi s, in as 009.
Department of Insurance	Property Protection	2	The development of a database to track the retrofits and map through the GIS digitized mapping process of properties and information collected through the application process of homes awarded through the grant program, SC Safe Home.	Hurricane, high-wind storms	Information collected will be mapped and shared	\$485,000	HMGP, PDM, state appropriated dollars associated with the SC Safe Home Program.	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Completed Partially	Database is now operational GS mapping component will be included when funding is available.	2010: The SC Safe Home database was developed and is no operational. Further enhancements to include a GIS mappin component are dependent on funding.	now oping Hi
SCDEW	Prevention of power loss due to inability to reset the main breaker.	To remove the main switchboard to our main administrative building and replace it with a new one. The main breaker is a 50 year old bolter pressure switch that has the possibility of not resetting if it ever trips.	Robert E. David Building Switchboard Replacement	Any hazard that may cause inconsistent electricity flow or failure.		\$30,000	SCDEW Contingency Assessment Fund	N/A	Construction complete. Warranty phase/project closeout 10/2022	Began on 5/2021 and will be complete in 10/2022	Construction complete. We are currently in the warranty phase.	nty hi
SCDEW	Prevention, property protection	resetting if it ever trips. To replace the fire pump control panel and relocate it in an effort to separate the fire pump and piping from our main electrical room per code.	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 leaks.	\$162,477	SCDEW Contingency Assessment Fund	N/A	Construction is currently underway.	Dec-23	The area has been prepped. Waiting on equipment now. Supply chain issues.	ow. hij
Department of Motor Vehicles, Max Parmisani, Mobile (803) 429- 0365, Office (803) 896-9891	Property Protection, Continued Services	1	Install exterior generator docking stations at every owned DMV facility to ensure fastest return to operations after a natural disaster.	Flood, Hurricane, Ternados	Project designed to reduce impact on people and property	\$1,710,00 (estimated at \$30K per 57 owned Facilities)	FEMA, Emergency Operational Planning, PDM, HMGP, EMPG, Homeland Security Grants, State Funding	New	2018: Dependent on funding	We will start at the coastal branches and work our way inward to the upstate	Dependent on funding, but goal is to have every DMV (overse facility)accessible to accept generator power during a natur	atural Hi
Department of Motor Vehicles, Max Parmisani, Mobile (803) 429- 0365, Office (803) 896-9891	Property Protection, Continued Services	2	Install exterior hurricane shutters on all glass doors and windows	Flood, Hurricane, Tornados	Obtains resources to reduce the impact of hazards on people and property	\$228,000 (estimated at \$22,800 per facility for 10 owned coastal facilities)	FEMA, Emergency Operational Planning, PDM, HMGP, EMPG, Homeland Security Grants, State Funding	New (completed, received	Dependent on funding	Upon funding, solicitations will begin for immediate implementation	disaster for minimal down time. Dependent on funding, but goal is to have every DMV (over facility) on the coast, fortified against natural disaster	wned er Hij
	Property Protection, Continued Services	3	Cat down large trees that if toppled over by high winds, will destroy DMV Branch offices	Flood, Harricane, Tornados	Enhances outreach efforts focusing on the ways to increase	\$134,000 (estimated at \$1,000 per tree for 134 trees, across	FEMA, Emergency Operational Planning, PDM, HMGP, EMPG, Homeland Security Grants, State Funding	New	Dependent on funding	Upon funding, solicitations will begin for immediate implementation	conditions that would hinder operations to the public Dependent on funding, but goal is to remediate trees that po a fall hazard the will destroy or partially destroy facilities	t pose
0365, Dince (803) 896-9891 Clemson University	Public Education and Awareness	1	DMV Branch offices Expand the University's Emergency Notification System to non-main campus sites	All Hazards	resiliency Expansion designed to reduce impacts on people	23 facilities statewide) Cost will be based on the specific number of sites.	Horneland Security Grants, State Funding General Funds	N/A	Testing with first site	immediate implementation 2023-2024	a tim taken to wincoki toy taken try taken try daring natural disaster type conditions Standard templates developed, initial settings for non-main campus sites developed, initial settings in a training environment completed, used system daring first real-work	nain Mode
											environment completed, used system during first real-work emergency	vorid
Clemson University	Public Education and Awareness	1	Implement standard indoor emergency notification system	All Hazards	Project designed to reduce impact on people and property Project designed to evalue emergency response to reduce impact	Unknown	Hazard Mitigation Grant Program, Pre Disaster Nitigation, Emergency Management Performance Grant, University Funding Hensel Mitigation Grant Program. Pre Disaster Mitigation	N/A	Scheduling initial meetings	When development of proposal and funding are obtained	Identified temperary (praties, devolved initial,	Mode
Clemson University	Property Protection	2	Belocate the Emergency Operations Center to a location with emergency power, increased protection and adequate parking. Continue development of University GS mapping and integration into	All Hazards	Project designed to enable emergency response to reduce impact on people and property	\$100,000	Hazard Mitigation Grant Program, Pre Disaster Mitigation, Emergency Management Performance Grant, University Funding	N/A	Initial concept developed	2023-2024	Identified temporary location, developed initial concept an potential costs	t and Hi
Clemson University	Prevention	4	the Common Operating Picture to allow for clear projections and scenarios of hazards each location faces 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	Hazard Mitigation Grant Program, Pre Disaster Mitigation, Emergency Management Performance Grant, University Funding	N/A	Initial layers developed	2024	Initial layers developed, first several palled into the Commo Operating Picture	imon Mode
Clemson University	Emergency Services	S	Develop integration between SC's Palmetto and Gemson's WebEOC.	All Hazards	Designed to improve informatio sharing between SC and Gemson University to improve planning and response	Unknown	Pre Disaster Mitigation, Emergency Management Performance Grant, University Funding	N/A	Initial discussion with Javare and Clemson System Programmers/Developers	2023-2025	Initial discussions	н
Genson University	Public Education and Awareness	3	Develop an Emergency Management Information/Outreach program to address the bazards faced at each location and all-bazards	All Hazards	Designed to increase resilience among the population and University	Unknown	Hazard Mitigation Grant Program, Pre Disaster Mitigation, Emergency Management Performance Grant, University Funding	N/A	Programmers/Developers	2024	Program concept developed	н
			preparedness				Emergency Management Performance Grant, University Funding Hazard Mitigation Grant Program, Pre Disaster Mitigation,				·	
Clemson University	Planning	5	Coordinate Emergency Management and Continuity of Operations Plans (COOP) and implement mitigation measures into both.	All Hazards	Improves coordination and planning to reduce the impact of hazards	Unknown	Hazard Mitigation Grant Program, Pre Disaster Mitigation, Emergency Management Performance Grant, Homeland Security Grants, University Funding	N/A	Dependent upon funding	Time span 3-5 years	1	Mode
The Otadel	Planning	3 and 4	using all forms of social modia from Facebook to Twitter to enhance the preparedness of everyone on campus (cadets, faculty and staff). We are in the process of researching one of the cell phone apps on the market that reports emergencies and alerts anyone off campus of any	All Hazards	Improves communication skalls and information sharing to protect mehers of the community against kuzards. Provides important studie sen best communication efferst as wella a prioritizing preparedness education through communicating with the	\$44,000	Inernal and South Carolina Office of Resilince	N/A	Initial concept developed	N/A		
The Citadel	Planning	2, 5, and 6	damperous situations. The Director of Environmental, Health, Safety and Emergency Management participants in all Federal, State, County and City conference calls during the disaster. The Director of EIS/Emergency	All Hazards	community. community. Improves interagency coerdination and planning to reduce the impact of hazards, provides information sharting during disasters and updates.		Inernal and South Carolina Office of Restince	N/A	Corrent	N/A		+
The Otadel P	Planning, Public education and Awareness	3	Management is the liaison between the agencies and the school. PSAF continues to focus on activities involving active shooter and terrorism. An active shooter drill was conducted in September 2022	Terrorism	Provides practice trainging that allow people within the community to learn how to respond to real wordl scenario events.		Inernal and South Carolina Office of Resilince	N/A	ongoing, current	annual	Operational	
			and annually. All new construction (Cover Hall Swain Boat Cover, Bostin Hall) are		to searn how to respond to real wordl scenario events. Uses up to date building codes to help protect against natural							
The Otadel	Property protection, construction of buildings	7	For investmention (capter tank), or form totals conservations and the probability to the standards involving seismic (Earthquake), flooding and Hurricane standards. Flag gotes have been installed to minimize flooding from heavy rainfall and high tides. Flag valves need to be maintained and cleared of debris	Natural Hazards, building codes	Uses up to date building codes to help protect against natural hazards, retrofitting old buildings to with stand current hazards maximising protection measures.		Inernal and South Carolina Office of Resilince	N/A	ongoing, current			-
The Citadel	Property protection, construction of buildings	7	1 up grows care peen instaurate to minimize Booding from heavy rainfall and high tides. Flap valves need to be maintained and cleared of debris so they can do the ligh blay are designed.	Natural Hazards, flooding						N/A		
The Otadel	Property protections, public outreach		The campus has purchased and installed a "Gant Voice" PA system that				Inernal and South Carolina Office of Resilince	N/A	ongoing, current	N/A N/A		
	rispirity protections, passe datatach	3 and 7	to three can do the job likey are designed. The campus has perchassed and installed a "Camb Voke" PA system that serves the entire campus. Announcements are por-recorded or actual how voice announcements. PAus, we are researching parchasing a phone app that will alert individual what is happening on campus and can after the theorem.	All Hazards	Installing PA system allows for larger communications throughout the community as well as amplifying building codes to provide updated safety nneasures.		Inernal and South Carolina Office of Resilince					
The Citadel	Public Ostreach, Planning	3 and 7 8,6,3	live voice announcements. Plus, we are researching purchasing a phone	All Hazards All Hazards	throughout the community as well as amplifying builiding codes to			N/A	ongoing, current	N/A		
The Citadel Department of Natural Resources			live voice announcements. Plax, we are researching purchasing a phone app that will alert individuals what is happening on campus and can alert the phone. Hzzard Mitigation has been added to cadet orientation and to new		throughout the community as well as amplifying building codes to provide updated safety measures.	Pase - 13/00,000 Pase II - 12,158,000 Pase II - 13/00,000		N/A N/A	ongoing, current	N/A N/A	2817 - Completed	щ
	Public Ostreach, Planning	8,6,3	Der veice annunzennerfet. Plan, we zer ensarching probensing a solone ogen fruk velk aller etter beginnen and can solor tilt beginnen and solor Rezard Mitigation has been addeld to cacht eriestation and to new faculty and staff orientations.	All Hazards	throughout the community as well as amplifying tolking codes to provide update dates measures. Providing mitigation information to new incoming students allows for states atrongoting of mitigation practices, more people are reached within the community, and enhances training practices.	Phare 1 - 13003000, Phare 11 - 52,553,000, Phase 11 - 3,0703000 515,000 - 522,000	Internal and South Carolina Office of Restince TRAM (Fund May Hochematical US Avery Carp of Engineers US 1998) and Stage Hochematical US Avery Carp of Engineers (South 1998) and Argundars US Days of Parage Schwarz, South Carp Market Schwarz, Schw	N/A N/A N/A	engoing, current engoing, current engoing, current 2008 - Panes I advaled the collection and processing of LDMA data for 18 countres. Planes II will complete 11 the remaining countries of 20 PMA25	N/A N/A annual Jonury 1,2027 formal February 82,2029	2013 - Pending special fanding/grants. The Drought Amer. the SC State Mitigation Plan and the SC Emergency Respons	Hi Hi
Department of Natural Resources	Public Outreach, Planning Provention	863	The vertex amountement, Par, so are recenting gravitating a phase of the set of all contrasts of the sphere. Henced Mitigations has here added to colds arritations and its now for the set of all contrasts of the set of the set of the set SCLIDIN project, phase L(L and H) Develop Stateworks Decegles Management and Mitigation Funs. Require density and the state of the set of the set of the set Require density of the set of the set of the set of the set of the set Require density of the set of the	All Hazards Herricans, flood, landhilde, earthquake, wa level rise and climate change	thenghest the commany as well a supplying building codes to provide updated slipp anamoust Production generation of the strength of the control of the strength of the strength of the souther ended to the second slipp of the strength of souther ended to be second slipp, and then ended to be second souther ended to be second slipp of the slipp of the second second slipp of the slipp of the slipp of the slipp scalar ended slipp of the slipp of the slipp of the slipp scalar ended slipp of the slipp		Isoread and South Careline Office of Rootlinese 1984;A. Flanci May Balanciansiani, D. Kany, Cargo of Enganeses, US 1986; S. Staron, S. S. Staro, S. Staro, S. Staro, S. Staro, 2007; S. S. Staro, S. S. Staro, S. Staro, S. Staro, S. Staro, 2007; S. S. Staro, S. Staro, S. Staro, S. Staro, S. Staro, 2007; S. S. Staro, S. Staro, S. Staro, S. Staro, S. Staro, 2007; S. Staro, S. Staro, S. Staro, S. Staro, S. Staro, S. Staro, 2007; S. Staro,	N/A N/A N/A Artists in regarding and quotients will be provided in coherence prior work the provided in coherence prior work the provided in the statement of the statement of the statement Artists is negative, and prior work of the Artists is negative, and the Artists is negative, an	engoing, curvest engoing, curvest 2008 - Planet included the collection of processing of LIMM data for 18 more counting. Planet III vill complex more counting. Planet III vill complex more counting. Planet III vill complex More III Regitter Autoritowa.	N/A N/A annual January 1, 2007 through Pelorsary 28, 2009 (Planet 9 & 40) 2016 (Planet 8 & 40)	2013 - Pending special fending/grants. The Desught Amere the SC State Mitigation Plan and the SC Emergency Response Plan were updated during 2017. 2010 - The Desught Pergense Act Anton Hone mended to require desught mitigation plans. 2017 The SC Desught Response Act Name Users and ended to require drought on the plans.	Hi excel ccase Hi d to fat Hi fat Hi
Department of Natural Resources Department of Natural Resources Department of Natural Resources Department of Natural Resources	Pable Darseck, Planning Prevention Preventio	8,4,3 3 5 6 8	Benetic sensembler Pay, where researching proceedings of the sense of the sense of the sense of the sense sense of the sense of the sense sense of the sense sense Based Mitigation has here added to calcular instantion and to rev <i>facular</i> and and investations. SCLIDMI project, phases (R, and H) Denology Satureida Denugle Management and Mitigation Plan. Request denugle nitigation global for sensiony and private sense systems.	All Haureh Iteritore, fund, Lindhäle, wel keel rite and Chanter Anage Denaght, Wildher Denaght Florad	thoughout the emergine you will a supplying hilding tasks to associate systems of the supplying tasks to the supplying tasks to associate systems of the supplying tasks to the supplyin	\$15,000 - \$25,010 Staff line and resources Staff line and resources	Isonial and South Cardina Office of Bostinese FRAM, Bosting Machinese, Tal Asian, Carao Al Agenerative Bill Sheep of Agenetic (Barlow of Honey Carao and Agenerative Bill Sheep of Agenetic (Barlow of Honey Carao) Market Annotational and Tarative School of Anno- al Asian Annotational Annotation (School of Anno- Market Annotational and Tarative School of Anno- Market Annotational and Tarative School of Anno- Market Annotational Annotational Annotational Market Annotational Annotational Annotational Market Annotational Annotational Annotational Barket Annotational Annotational Annotational Barket Annotational Annotational Annotational Barket Annotational Annotational Annotational Annotational Annotational Barket Annotational Annotational Annotational Annotational Annotational Barket Annotational	N/A N/A N/A N/A Attacts in angeling and quidens still be provided in subsequent plates still the project is completed. Activates in angeling and quidens will be provided in subsequent plates still the project is completed. Activates in angeling and quidens will be provided in subsequent plates still the project is completed. Matchine angeling on and quidens will be provided in subsequent plates still the project is completed.	expering, current expering, cu	N/A N/A N/A ammud (Phane's J. and Prinning V. 2009 (Phane's J. and Prinning V. 2009 (Phane's J. and J. A. and J.	2013 - Pending spectal fending/grants. The Desight Amer. the SC State Mognitum This and the SC Energisery Borgons, 1981 - The Design State State State State State State require drough entippings and has an elemented of Response Acha and here an ended for string drought entipping alars for industries and private univer systems 2010 - Common Jones and private univer systems 2010 - Common State State State State State State 2010 - Design State State State State State State State 2010 - Common State State State State State State State 2010 - Common State State State State State State State State State 2010 - Common State State State State State State State State State 2010 - Common State State State State State State State State State State State State State State State State State State State	d to ht Hi ht Mode
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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	1-jan-23	Meetings with SCEMD to create Firefighter Mobilization pie within Palmetto; engaging EMS in creation process to mirr	rror Low
SC Labor, Licensing, and Regulation - South Carolina Fire Academy	Prevention	a	Enhance training, education, and outreach	All Hazards	Train first responders to respond to all hazards	N/A	N/A	Ongoing	Ongoing	Ongoing	rogram capabilities Continue to provide training and education to meet the growing needs of first responders to respond to all hazard	e rd Lov
					Obtain resources necessary to respond to hazards to save lives and	,	,				emergencies	
SC Labor, Licensing, and Regulation - South Carolina Emergency Task Force SC Labor, Licensing, and Regulation - South Carolina State Fire	Prevention	2	Replenish and replace SCTF-1 outdated and worn equipment cache Review of policies and procedures	All Hazards All Hazards	property Review policy and procedures for accuracy and relevence	N/A N/A	N/A N/A	Ongoing	Ongoing Ongoing	Ongoing Yearly		Moder
SC Labor, Licensing, and Regulation - South Carolina State Fire	Prevention	3	Strengthen Community Risk Reduction		Support Community Risk Reduction initiatives within communities	N/A	N/A	- angenig	Ongoing	Ongoing		High
SC Labor, Licensing, and Regulation - South Carolina State Fire	Prevention	4	Review NFIRS data for support	All Hazards	Collect and utilize data to support CRR and other projects to mitigate bazards	N/A	N/A		Ongoing	Ongoing		Low
SC Labor, Licensing, and Regulation - South Carolina State Fire	Prevention	4	Gollect CLEAR Team data on fire fatalities	Fire	Collect and utilize data to identify fire risks within communities	N/A	N/A		Ongoing	Ongoing		Low
Forestry Commission	Prevention	7	Natural Resource protection	Fire	Clear low level vegetation to minimize wildfires				Ongoing	Ongoing	GIS layers have been created; Prevention teams have been	Lov
Forestry Commission	Prevention	3	Community outreach to educate on wildlire risks	Fire	Education communities on their wildfire risks and mitigation actions to reduce wildfire risk				Ongoing	Ongoing	ordered and are conducting pre-deployment meetings to develop work plans	to 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	Utilizo fire occurrence data and GIS tools to identify areas where escaped debris burns and intentional wildfires occur, and deploy targeted wildfire prevention teams to educate homeoreners, enforce outdoor burning laws, and to adow for rapid response to wildfires.				Ongoing	January 1- April 30	Der tring, overk partie	Low
SC Labor, Licensing and Regulation, South Carolina Building Codes Council	Public Education and Awareness	3	Community outreach about the importance of hiring licensed	All Hazards	Educating the public about risks associated with hiring unlicensed contractors	n/a	n/a	New	ongoing	angoing	Press releases and social media posts are reviewed annual and ready for use in the event of a bazard. The Centractor Licensure Baard and Residential Builder's Centraiton ab	ally r's High
											review and make necessary updates to their websites week All boards are required to maintain up to date licensure information in paper form and electronic form at an off-sit	ekby. v site
SC Labor, Licensing and Regulation, South Carolina Building Codes Council		1	boards in the event of a hazard	All Hazards	LLR oversites licensure of medical professionals and contractors. Ensuring licensure continues in the event of a lazard helps protect people and property.	n/a	n/a		ongoing	angoing	location in the event a bazard happens to the Kingstree Building. All Boards also have 1-2 staff members with remo access and agency equipment to ensure keessure can contin during a hazard.	linte
The Salvation Army, North Carolina & South Carolina Division	Prevention/ Preparedness	2	Survey all SA-owned facilities providing community services in SC for existing electrical service and to install a transfer switch for back-up	Flood, Hurricane, Severe Weather, Winter Storms, Tornados	Obtains resources to reduce the impact of hazards on people and property	\$500,000	HMGP, Salvation Army property and/or disaster funds	2023 - Ongoing as 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	power generation. Install back-up generator (elevated where necessary) to all SA-owned facilities in SC perioding community services	Flood, Hurricane, Severe Weather, Winter Storms, Tornados	property Obtains resources to reduce the impact of hazards on people and property	\$7,500,000	HMGP, Salvation Army property and/or disaster funds	2023 - Ongoing as funding is available	dependent on funding	Phase 1 - Locations along and east of I-95. Phase	2010 0	High
The Salvation Army, North Carolina & South Carolina Division	Prevention/Preparedness	2	facilities in SC providing community services Conduct wind retrofits, including but not limited to storm shutters, to SA-ewned facilities recording community services.	Tornados Flood, Hurricane, Severe Weather, Winter Storms, Tornados	property Obtains resources to reduce the impact of hazards on people and property	\$2,000,000	HMGP, Salvation Army property and/or disaster funds	2023 - Ongoing as funding is available	dependent on funding	2- Remaining locations Phase 1 - Locations along and east of 1-95. Phase 2- Remaining locations	2018 - Ongoing	High
South Carolina Department of Alcohol and Other Drug Abase Services(DAODAS)	Public Information and Awareness	5	SA-swind facilities providing community services. Develop a detailed disaster plan and directory for leading commincation with local alcohol and drug providers in all potential hazards. This would include plans for telessork and acessing	All Hazards	will coordinate with local agencies to reduce the impact of harrds	none known	N/A		In progress.			High
		5	hazards. This would include plans for telework and accessing information and coordination care and services as needed.		will coordinate with local agencies to reduce the impact of hazrds on people and property.	none known				on going		High
Department of Natural Bressorces - State Climate Office	Prevention and Panning	4	islomation and conclusion care and servers as world. Improve carrier date ad baled program adhering dought.	Drought	Andysin vill improve dranght mitigation	None entered	Pe Daster Miguins, Razel Mingeton Gan Proyron, Energyong Mangement Performance Cont	Actions is engaining and explanes will be provided in subsequent planes until the project is completed.	Ongoing	Oxgoing	Incognizing the Stare Closes to Olice (XO) starl instances and the used in proposed dropps monoting and proposed starks the start of the start of the start term of the start of the start of the start of the start term best to graduate that a new West Research Oliceatelegate position was needed, and the position about a start of the basic starts of the start of the start of the start of the start of the basic starts of the start of	uld nced de by a ng a , and
Department of Natural Resources - State Climate Office Department of Natural Resources Marine Division	Prevention and Planning Prevention and Planning	6	Amend Dreugh Reports Are 07-23-70 and supporting regulators. Majic amedianets should noted in Departing marging of the second systems, Industry and Like sensors responsible for the provision of wave for public orporation uses of alworks Derayd Management Plans; 3.) Revise Dreught Committee Structure and appointment process, 21 Bennow the involvement of the Andianizative Level public Dreion in the dreught dedization process. Provide transmiss for Carteff Develophic Management with continuing Provide transmiss for Carteff Develophic Management with continuing	Drought, Wilfire Fissedaar	Enhances compliance capabilities	Staff time and resources	State appropriations	Action is cogoing and updates will be provided in subsequent plans until the project is completed.	No progress to date.	Will require legislative approval during the neuronal Legislative Sension (Innuary-June). Several public hearings held between stakeholders and the Department of Natural Resources will be required to work through any issues before it is submitted. organing	Two Drought and Water Shurtage Tabletop Exercises have been conducted.	nve High
	- continues and ramining		education credits to understand flooding. Rood impacts, nature based solutions, and relevant regulations in coastal South Carolina.	r ownedg		Juni Line and People Les	PEOPLE PEOPLE AND ADDRESS PERMITS	Action is orgoing and updates will be provided in subsequent plans until the project is completed.		nikenik		-10
Department of Natural Resources-Marine Division	Prevention and Planning	1,7	Shoreline Stabilization at McKenzie Field Station	Severe erosion			NOAA PAC fund	Action is ongoing and updates will be provided in	design phase complete	FY23		High
Department of Natural Resources-Marine Division	Prevention and Planning	8	Participating in multiple collaborative projects to further resilience:	coastal flooding, habitat change, crosion			NOAA NERR Operations Award, NOAA IIJA funds, NFWF funds	subsequent plans until the project is completed. Action is ongoing and updates will be provided in	planning, collaboration, and	ongoing		High
			planning for marsh migration in the ACE Basin, increasing cyster reef and marsh resilience in many different places and projects, participating in work groups to increase nature bosed solutions use in					subsequent plans until the project is completed.	community engagement			
Department of Natural Resources -Marine Resources Division Department of Natural Resources -Marine Resources Division	Property Protection Property Protection	1	SC INRD is going to add flood proof panels to all exterior openings, canliding all seams, and adding a 15hp urup pump.Elevating the emergency transformer and all associated electrical planels will provide additional protection from the fload waters. MSD is constructing all fload protection would net the harbor side of the	Flooding	Project designed to reduce impact on people and property	403,156.00	FE MA funding	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	No progress to date.	Waiting on approved A1	Phase 1 pre design	Higl
		*	MHD is constructing a flood protection wall on the harbor side of the Marine Resource Institute. Living shorelines research, implementation, outreach and education	Flooding	Project designed to reduce impact on people and property	644,050.00	State appropriations	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Started pase II	Established A1 for phase II soil borings have taken place for engineering Activities in all areas are continuing and being	Phase II A1 and Engineering have started.	High
Department of Natural Resources - Marine Division	Prevention	1, 2, 3, 4, 5, 6, 7	Living shorelines research, implemetation, outreach and education	Sea level rise, Hurricanes	Reduces risk of impacts and increases resiliency	Staff time and resources	Competitive research and implementation grants; with collaborative inter-agency partnerships	subsequent plans until the project is completed. Action is orgoing and updates will be provided in subsequent plans until the project is completed.	In progress	Activities in all areas are continuing and being applied in near areas	Several successful funding awards for research, education, a implementation; new state regulations allowing for	, and High
Department of Natural Resources - Marine Division	Prevention	1, 2, 5, 7	Fort Johnson Master Planning	Sea level rise, Hurricanes	Reduces risk of impacts and increases resiliency	Billions?	Funding awarded for master planning; funding for implementation not allocated	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	In progress	Master Plan completed in 2022; implementation	implementation through regulartory avenues Master Plan was completed during 2022; implementation	on High
Department of Natural Resources - Marine Division			Waddell Mariculture Center (WMC) bank stabilization	Sea level rise, Hurricanes		A. (b)	not allocated Working with local Master Gardeners for maintenance		In progress	of short term and long term actions span range of 1-50 years	f planning is just beginning	
organization of restantial resources - reaction investment	P TEVENIANI	44 f	PERSONAL PROFESSION CONTRACTOR STATE	Jan 1999 Lang, Line Lange.	becauses risk of impacts and increases recurring	Just there and resolutions		Action is orgoing and updates will be provided in subsequent plans until the project is completed.	in program.	Maintenance of vegetative buffer will be needed long term	WMC staff worked with local Master Gardeners to design an build native vegetative buffer plantings to stabilize the shoreline; orgoing maintenance and new plantings continu	e nue
Department of Natural Resources	Prevention		Property acquisitions that will buffer coastal areas/allow for marsh migration, buffer rivers (floodplains), and provide carbon sinks through	Sea level rise, Hurricanes	Reduces risk of impacts and increases resiliency		US Fish and Wildlife, NOAA and other grants	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	In progress	ongoing		High
Department of Natural Resources	Prevention		the maintenance of forest cover. DNR staff utilize prescribed burns to reduce fuel lavers that could be	Drought, Lightning	Reduces risk of impacts and increases resiliency	Staff time and resources		Action is orgoing and updates will be provided in subsequent plans until the project is completed.	In progress	ongoing		High
			ignited during a drought if there were an ignition source like lightning or careless burning.					subsequent plans until the project is completed.				
Department of Natural Resources	Prevention	3	SCLIDAR project, phase LIL and II	Harricane, flood, landslide, earthquake, sea level rise and climate change	Enhances outreach efforts focusing on the ways to increase resiliency	Phase I - \$3,800,000; Phase II - \$2,150,000; Phase III - \$3,850,000	FEMA, Flood Map Modernization, US Army Carps of Engineers, US Forest Service, US Fish and Widdle Service, US Geological Survey, US Dept et Algrachame, US Dept et Temper, SC Dept et Nisteral Researces, SC Dept et Health and Enrirenmental Centrol, SC Dept Parks, Recreation and Torrins, SC Dept of Transportation, and ethers in the SC LIDAR Consortium, Pre-disaster Hazard Mitigation Grant, Hazard Mitigation Grant	Action is engoing and updates will be provided in subsequent plans until the project is completed.	2008 - Phase I included the collection and processing of LIDAR data for 18 counties. Phase II will complete 11 more counties. Phase III will complete the remaining counties of SC PHASE II AND III REQUIRE ADDRTIONAL PUNDING.	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 Management and Mitigation Plan.	Drought, Wildfire	Improves interagency coordination and planning to reduce the impact of hazards	\$15,000 - \$25,000	Hazard Mitigation Grant Program, Pre-Disaster Mitigation	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Funding is needed to implement this action. Once funding for the action is received, implementation will begin.	Dependent on the acquisition of state or federal funding.	2013 - Pending special funding/grants. The Drought Amer. the SC State Mitigation Plan and the SC Emergency Response Plan were updated during 2017.	nx of ase 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 Resources Conservation Service – Watershed Protection and Flood Prevention Program	Action is orgoing and updates will be provided in subsequent plans until the project is completed.	No progress to date.	Ongoing	2010 - The Drought Response Act has not been amended to require drought mitigation plans. 2017-The SC Drought Response Act has not been amended to require drought mitigation plans for industries and erviset workers.	ito it Higi ns.
Department of Natural Resources	Prevention	6	Establish state law requiring municipal storm drainage systems to flow at 80% of design capacity.	Flood	Enhances compliance capabilities	Staff time and resources	HMA grants	Action is ongoing and updates will be provided in subsequent plans until the project is completed.	Currently no law in place	Currently no law in place	2010 - Currently no law in place. 2018 - Ongoing	Moder
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	4,903,000	Hazard Mitigation Grant Program, State funding	N/A	Ongoing, funding through HMGP and match funds for 1/3 of HUC 8	Ongoing	SC Flood Inunddation and Mapping for Action website (scflood impact.com) has been built and is live. Funding	g High
Department of Natural Resources - Flood Mitigation Program	Public Information and Awareness	3	New coastal storm sarge model	Flood, Hurricane, Nor'easter	Enhances education focusing on the imprtance of mitigation	\$2,000,000	FEMA Cooperating Technical Partners Program	Action is engoing and updates will be provided in subsequent plans until the project is completed.	watershed. Funded through cooperating technical partners grant. As part of the Map Modernization Program DNR and their contracts are conducting a statewide storm surge analysis to provide better Flood Insurance Rate Maps.	Complete	received for approximately 1/3 of the state. The project is complete and the last county's maps will go effective in 2023	go Hig
						22,000,000						
Department of Natural Resources - Flood Mitigation Program	Prevention, Public Information and Awareness	3	Encourage participation of local governments in the National Flood Imurator Program and the Community Rating System.	Flood	Enhance outreach efforts focusing on the importance of mitigation	Stafftime and resources	Community Assistance Program-State Support Services Element grant	Action is orgoing and updates will be provided in subsequent plans until the project is completed.	Ongoing. DNR staff continue to work with communities to join the NFIP.	Ongoing	Two handred thirty-five (239) commanties aprticipate in t NPIP in SC. Also, Fourty-two (42) commantities participate the CKS program. SC Commanity activities currenby genera- rover \$25 million in nermine discounts for \$5 Million-like	
Department of Natural Resources - Flood Mitigation Program	Provention, Public information and Anarcteus	3	Update Flood Imacrosc Rate Maps statewide drough the Map Modernation Indiatory	Flord	Enhance notescub effects focusing are the importance of milligation focus collected will be utilized to spekers Fload Internance Maps throughout fair states					Ongoing	The shared a blanch for (227) consuming apricipation (2009 See See See See See See See See See Se	n the te in rrate Cy
						Suff time and resources	Community Assistance Program State Support Services Element grant	Action is engoing and updates will be provided in subsequent plans until the project is completed.	Orgoing. DNR staff continue to work with communities to join the NFUP, CORS and improve their COR strains county to be released complexing phase one of the moderization of the State Food Immrace Nate Maps. The state has transitioned into phase two tare has transitioned into phase two working states and the process in the Wattere, Laver Classich, State, and Type Network, Statebrick, Bick, and Types Watteres, Statebrick, Bick, and Types		helders.	a the te in tratte d or 46 d on High
Department of Natural Resources - Flood Mitigation Program	Provention	4	Update Flood Imacroses Role May statewood through the May Modernations batteries	Pend	Data collected will be utilized to update Flood Insurance Mays throughout file state	Soffine ad resource	Community Anistance Program Gater Support Services Dimense gram. FEMA Compressing Technical Partners Program.	Action is enging and updates will be provided in subsequent planes satisfies project is completed. Action is enging and opdates will be provided in subsequent planes satisfies project is completed.	Objecting 2008 staff entitiene to werk white enemations to also the XPS/ CBS and improve their CBS rating. CBS and improve their CBS rating energy to a relaxed completing to energy the relaxed of the relaxed to the relaxed completing to the relaxed completing to the relaxed to the relaxed completing to the relaxed completing to the relaxed to the relaxed completing to the relaxed completing to the relaxed to the relaxed completing to the relaxed compl	Ongoing	holders. Contry-white Flood Inserance Studies and Digital Flood Inserance Roak Maps are of the productionary or effective for Roak Maps and Studies and Studies and Studies (Studies) Watersheeds, Nins (1) watersheet are correcting being studies of have gost effective.	a the te in tratte d or 46 d on High
Department of Natural Benaries - Fleid Miligation Program Department of Natural Benaries - State Olinae Office	Prevation		Update Flood Immension Role Maps extension through the Maps Machine and Markan Markan Markan Markan Annual Drought Reports AV 02.578 and supporting regularisation industry and data sensors responsible for the provision of source for path or private sense through Drought Management Privace J in the drought data sensors recognisable for the provision of source for path or private sense through Drought Management Privace J in the drought data sensors recognisable for the provision of source for the drought data sensors recognisable for the provision of source for drought data sensors recognisable for the provision of source for drought data sensors recognisable for the privace of the source for drought data sensors recognisable for the privace of the source for the drought data sensors recognisable for the source of the source for the drought data sensors recognisable for the source of the source for the drought data sensors recognisable for the source of the source for the drought data sensors recognisable for the source of the source for the drought data sensors recognisable for the source of	Flored Drought, Wildfor	Data collected will be adding the update Flood because Mage Decoglision distance Exhances compliance capabilities Despect designed to robust impact on people and property Obtains resources to robust the impact of beaming on people and property	Softine ad resources 521 million Softine and resources	Community Austrance Traymon Gater Support Services Element grant IEBA Composeding Technical Partners Program NA	Action to engine and relation will be provided a solution with the property is completed at the solution of the property is completed at actions to engine and advances will be provided at solutions are applied at a solution will be provided at solution property and regulates will be provided at solution property and regulates will be provided at	Objecting 2005 and realisations to work with communitors to an intervent the STG CIS and improve the CIS or angle and the relation of the STG control entropy of the relation of the STG entropy to an entropy of the STG Entropy of the STG and STG Entropy of the STG STG STG STG Entropy of the STG	Organing Will struggister legislative approval during the Several public hearings had been subscheduler and also department of Anaparation for the Anaparation and Anaparation and Anaparation New Index of Anaparation and Anaparation and Anaparation (1) Of Anaparation and Anaparation and Anaparation and Anaparation (1) Of Anaparation and Anaparation and Anaparation and Anaparation (1) Of Anaparation and Anaparati	Listen, George velde Fund Internets Tachien and Dipol Flow Listen and State and Dipol Flow Canators. Bio May one complexity and internet Canators. Bio Mark State And State And State Canators. Bio Mark State And State Canadors. State And State And State Canadors. State And State And State Canadors. State And State	ather the is transmission of the island at a state of the island at
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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.	1-acre Boyd Living Shoreline in Georgetown, SC	Coastal Issues, Floods, Sea Level Rise	\$1M	Boyd Foundation, Boeing	In permitting phase	2022: Design & Permitting 2023: Permitting & Constructionion	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.	2000' Living Shoreline at MCAS Beaufort	Coastal Issues, Floods, Sea Level Rise	\$353,059	NCAA Transformational Habitat Restoration Grant	In permitting phase	2022: Design 2023/24: Permitting & Construction	Pre application permit meetings have identified the opportunity to use the CZC process for DHEC approval and we are requesting the NWPS4 from the Corps by exemption.	ve 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' Goldbug Living Shoreline	Coastal Issues, Floods, Sea Level Rise	\$61,174	Wildlife Conservation Society Climate Adapation Fund, Dake	Completed	2016: Construction 2017-2021: Monitoring	This living shoreline was installed 7yrs ago and has shown significant success. Shoreline ension was abated and marsh has almost completely regrown behind the structure. Additionally, large systems thrive on the structure.	
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.	Chestrut Bay Resilience Project	Floods	\$2.17M	FEMA BRIC	Pending Funding	Dependent on timing of BRIC funding	Deemed not eligible for FY20 BRIC due to Honry Co HMP; currently "Identified for Further Review - Round 2" for BRIC FY21	
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 Renaturalization Project	Floods	\$3.32M	NEWE 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	Constructed wetland on Mowler Ct completed. Constructed wetland on Wolk Dr and ecological park at Bridgepoint still under technical review/permitting.	
The Nature Conservancy	Moderate	Goal 7: Maximite 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 Issues, Floods, Sea Level Rise	\$1.69M	NCAA Transformational Habitat Restoration Grant	Not started yet	July 2023 - June 2024: Data collection, website development & Community Ambassador recruitment. July 2024 - June 2026: stakeholder workshops & project development	Success of this work will be based on stateholder & partnersh buy in - agreement on priorities for siting and ability to move forward on founding and constructing the project over the res 10 years. Will also require permitting agencies to understand intent and write permitting multi acre NIIS in South Carolina.	eat nd Moderab
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	Widfres	\$250,000	USPS, NPWF, US Fish and Wildlife Service, WestRock, Smith Family Foundation	On-going, long-term commitment	Annually between October and June	Smoke impacts, local ordinances affecting outdoor burning (confusion between outdoor burning of yard debris and prescribed fire), consistent and sustained funding, qualified capacity to conduct operations	
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	Wildfres	\$200,000	USFS, NFWF, US Fish and Wildlife Service, Google, Smith Family Foundation	On-going, long-term commitment	Annually between October and June	Smoke impacts, local ordinances affecting outdoor burning (confusion between outdoor burning of yard debris and prescribed fire), consistent and sustained funding, qualified capacity to conduct operations	
The Nature Conservancy	Moderate	Goal 3: Enhance training, education, and outreach efforts focusing on the effects of hazards, importance of mitigation, and ways to increase resilience.	Prescribed Fire Training Exchange	Widfres	\$200,000	USFS, NWTF, Keowee Toxeway Habitat Enhancement Program, DOI	12/1/2025	10/30/2023 to 11/09/2023	Planning phase begun for delivery of training in the fall	Moderati
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 Francis Marion National Forest (US Forest Service)	Widfres	\$50,000		Plan is being implemented	Completed	Scrutiny 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)	Wildfres	\$150,000	Smith Family Foundation	Project is in public scoping	05/10/2022 through 6/1/2024	effects analysis complete	Moderate
The Nature Conservancy	Moderate	Goal 4: Collect and utilize data, including studies and analyses, to improve policymaking to support hazard essiliance and identify appropriate mitigation projects.	Black River Floodplain Valuation Study	Hunicanes, Coastal Issues, Floods, Sea Level Rise	\$30,000.00	Darothy and Gaylord Donnelley Foundation	Completed		Study shows that a 5-year steem would behave as a 200-year storm if the floodplains of the Black River were filled. The majority of flood storage results in the current 5-year floodplain. Proposals to dam or alter stream or river channels should account for the lost floodplain storage in their cost- benefit analyes.	els Moderate
The Nature Conservancy	Moderate	Goal 1: Implement policies and projects designed to reduce or eliminate the impacts of hazards on people and property.	Enoree Ranger District Culvert Removal Design	Floods	\$264,000.00	US Dept of Agriculture Joint Chiefs' Program	Financial plan and draft RFP development under way	July-Aug 2023: Develop and release RFP for up to 10 culvert upgrade designs. Sept 2023: Contractor Selection Oct 2023 - Mar 2024: Develop Designs; design reviews: Mar-May 2024: Design revisions June 2024: Designs complete; begin replacements (funding contingent)	Funding level, match, and scope of work agreed upon betwee TNC and USDA; ready to start.	nen 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 In-Lieu Fee Mitigation Program	Hurricanes, Coastal Issues, Floods	\$250,000.00	Nature Conservancy Operations Dollars (many donors)	Formal ILF Prospectus in review by US Army Corps of Engineers and SC's Interagency Review Team	July-Aug 2023: Specialist hired to develop program Instrument Jan 2025: Program Launch 2027-28: Initial projects sited	Uncertain timelines for USACE and interagency review make forecast of project implementation(s) very difficult. Once launched, we fully anticipate the program will implement projects which have hazard reduction components, particular for flooding.	Low
The Nature Conservancy	Moderate	Goal 3: Implement policies and projects designed to reduce or eliminate the impacts of hazards on people and property.	Blae Wall Preserve Dam Removals	Harricanes, Floods	\$1,000,000.00	Private donors (<5% of needed funding currently in-hand)	Final design and construction detail complete; NWP 27 currently in hand.		Detail planning and permitting essential to implementation is complete. Access to dam removal attes is currently obstructed by a failing bridge. Bridge replacement is scoped but creating additional funding challenges.	ed .