

# 2022 ANNUAL REPORT



# ABOUT NCEM

## VISION

A resilient North Carolina proactively responding to the challenges of today, remaining vigilant for the risks of tomorrow

## MISSION

Leading a whole-of-community approach to build a prepared North Carolina.

## VALUES

**Teamwork:** We achieve more working together for a common vision, leveraging and elevating the strength of our people and our partners in a spirit of collaboration.

**Equity:** We strive for fairness, inclusiveness, and justice in advancing our public safety mission for all North Carolinians.

**Integrity:** We execute our mission of public service with excellence in a transparent, honest, and ethical manner and are accountable for our actions.

**Respect:** We treat all individuals with dignity and professionalism, seeking and valuing the diverse perspectives of our people, our partners, and the public we serve.

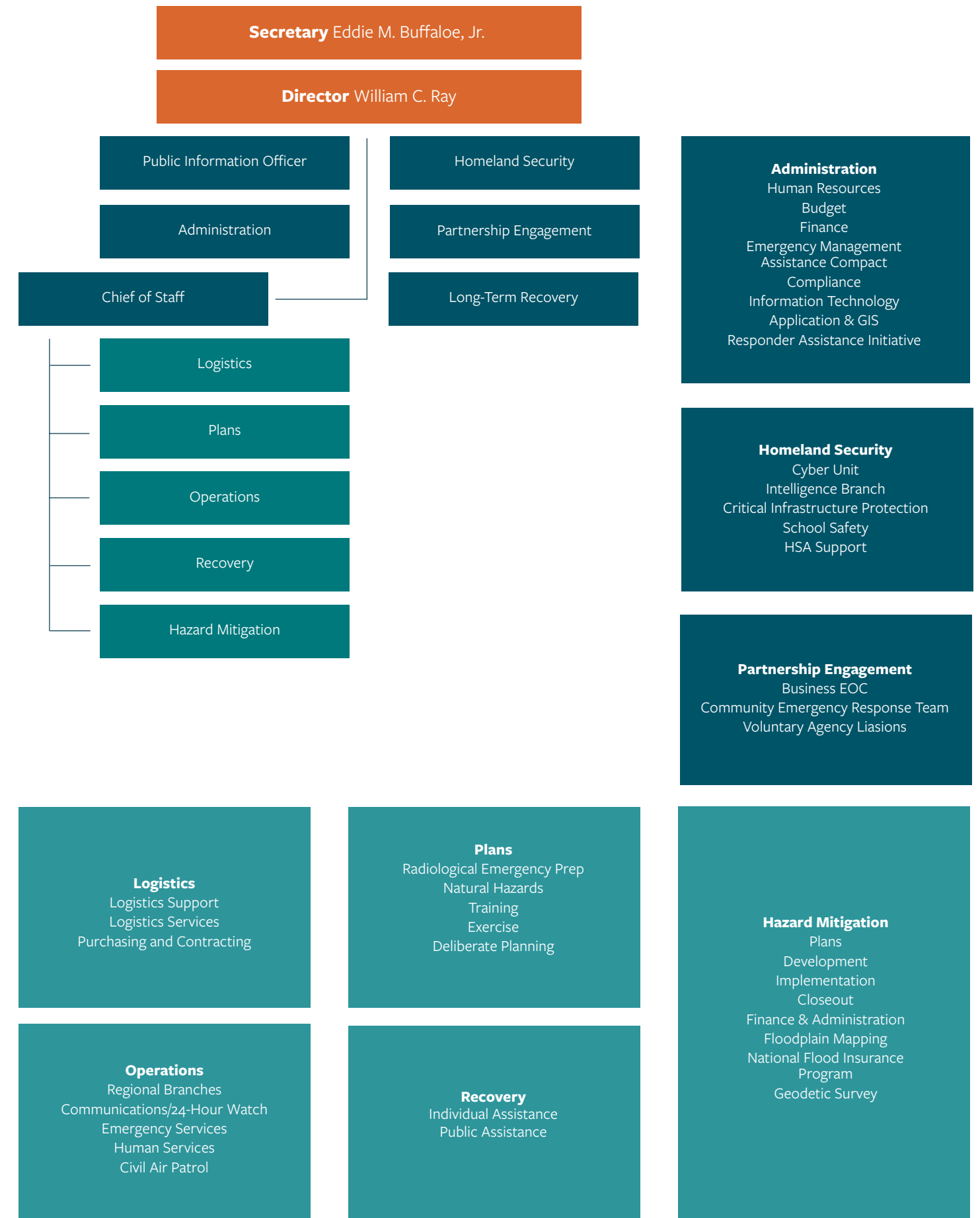
## AUTHORITY

NCEM is granted the responsibility and authority to respond to emergencies and disasters by the Governor via general statute §166-A (North Carolina Emergency Management Act). The agency is nationally accredited under the Emergency Management Accreditation Program, affirming NCEM's ability to provide continuous and consistent response to disasters by bringing together necessary staff and resources from local, state, private and volunteer organizations.

## RESPONSIBILITY

NCEM administers state and federal grants, manages multi-agency disaster responses, oversees all hazards and threat risk management, coordinates regional hazard mitigation plans, facilitates trainings and exercises, such as the regional hazardous materials response teams, search and rescue teams, and manages assets. In addition, the agency develops and maintains flood maps for each county and maintains the Homeland Security program, partnering closely with Center for Safer Schools and the state's cybersecurity agencies.

The director, who is appointed by the governor, reports to the secretary of the Department of Public Safety and serves as the state's deputy homeland security advisor.



# NCEM NON-DISASTER FUNDING

NCEM's SFY2022 non-disaster assistance expenditures included over \$43,366,876.

These expenditures include personnel costs, pass-through grants to county and state partners, program delivery costs (ex: CTP/Floodplain Mapping, Cybersecurity technical assistance, Pre-Disaster Mitigation, and others), disaster response, and operating expenses such as facility and vehicle leases, utilities, and others.

The \$7,600,225 received from state appropriations is used as match for the Emergency Management Performance Grant, supporting personnel and operating expenses. Receipts received from the radiological protection, flood plain mapping programs, and hazardous materials fees amounted to \$11,204,522 and are used to support program delivery, personnel, grants to local governments, and operating costs. Approximately half of the \$24,562,129 in federal grant funds are pass-through grants, with the remainder supporting program delivery, personnel, and operating costs.

NON-DISASTER ASSISTANCE FUNDING SOURCE	AMOUNT
Federal Grants	\$24,562,129
State Appropriations	\$7,600,225
Receipts	\$11,204,522

FUNDING USES	AMOUNT
Personnel	\$17,555,949
Pass through to counties, state agencies and contractual	\$11,356,286
Program Delivery	\$8,241,208
Disaster Response	\$38,994
Operating (Internal Operating Costs)	\$6,174,437

## EACH YEAR, NCEM'S NON-DISASTER ASSISTANCE EXPENDITURES SUPPORT:

- The purchase of equipment for local, county and state agencies
- Procurement or delivery of training for first responders, emergency management staff and law enforcement
- Regular annual exercises to ensure state and local agencies are ready for all types of emergencies (including incidents at fixed nuclear facilities)
- Operations of the statewide Floodplain Mapping program, the Geodetic Survey program, and the National Flood Insurance program
- Operations of the statewide Regional Response Teams for Hazardous Materials program and Local Emergency Planning Committees
- Maintains a 24/7 capability assist local governments in disasters and other emergencies across North Carolina

# NCEM DISASTER ASSISTANCE FUNDING

During SFY2021 NCEM's Recovery and Hazard Mitigation Sections provided \$453,383,499 in federal disaster assistance and \$115,184,685 in state disaster assistance funding to eligible subrecipients, including local governments, state agencies, non-profits, houses of worship, and individual disaster survivors. These programs were supported with \$5,763,452 in management costs.



## THIS FUNDING WAS PROVIDED BY THE FOLLOWING KEY PROGRAMS:

- FEMA Public Assistance
- State Public Assistance Program and Match Funds
- FEMA Hazard Mitigation Grant Program
- State Hazard Mitigation Grant Program and Match Funds
- FEMA Individual Assistance
- State Individual Assistance

DISASTER ASSISTANCE FUNDING SOURCE	AMOUNT
Federal Disaster Assistance	\$453,383,499
State Disaster Assistance	\$115,184,685
Management Costs	\$5,763,452

DISASTER ASSISTANCE FUNDING SOURCE	AMOUNT
FEMA Public Assistance	\$449,528,765
State Public Assistance & Match Fund	\$47,301,370
FEMA Public Assistance Management Costs	\$4,362,351
FEMA Hazard Mitigation Grant Program	\$3,854,733
State HMGP & Match Funds	\$1,534,677
FEMA HMGP Management Costs	\$1,401,100
State Individual Assistance	\$267,542
State Disaster Grants	\$66,081,096

PROGRAM	AMOUNT
FEMA Hazard Mitigation Grant Funds	\$17,803,935.73
State HMPG & Match Funds	\$5,934,645.24
FEMA HMGP Management Costs	\$3,161,768.25





## STORM RECOVERY

The Recovery team continues to work through recovery programs for 11 federally declared disasters since Hurricane Matthew and six state declared disasters. Long term recovery efforts for many of these events are ongoing in cooperation with partners at the North Carolina Office of Recovery and Resiliency, Office of State Budget and Management - Disaster Recovery, and a variety of Voluntary Organizations Active in Disaster.



## FEDERAL DECLARATIONS

For federally declared disasters, public assistance to local governments and state agencies totals more than \$2.8 billion obligated and \$2.0 billion reimbursed since Hurricane Matthew in 2016.

## PUBLIC ASSISTANCE

DISASTER DECLARATION DATE	ACTIVE PROJECTS	OBLIGATED	PERCENT OBLIGATED	TOTAL PAYOUT
Matthew 10/10/2016	1900	\$395,739,156	100%	\$306,898,808
Florence 9/14/2018	2815	\$1,003,315,426	95%	\$674,453,513
Michael 2/1/19	212	\$30,997,305	99%	\$21,487,726
Dorian 10/4/2019	505	\$96,510,937	98%	\$62,726,467
Covid-19 3/25/2020	1320	\$1,172,353,066	80%	\$906,514,177
Feb Severe Storms 5/8/2020	97	\$15,847,322	100%	\$7,650,661
Isaias 8/14/2020	258	\$34,106,835	99%	\$23,421,156
Eta 11/12-15, 2020	141	\$33,848,990	99%	\$14,844,819
Fred 9/8/2021	200	\$26,978,934	88%	\$16,357,773

## INDIVIDUAL ASSISTANCE

Individual assistance was authorized during the COVID-19 pandemic, with activation of the Crisis Counseling Program and a new FEMA Program to reimburse funeral expenses for those who died from COVID-19.

DISASTER (DECLARATION DATE)	MATTHEW 10-10-2016	FLORENCE 9/12/2018	COVID 3/25/2020	TS FRED 9/8/2021	TOTALS
Disaster Case Management	\$3,221,072	\$8,934,789			\$12,155,861
Crisis Counseling	\$1,560,937	\$11,597,482	\$2,671,883		\$15,830,302
Housing Assistance	\$29,632,779	\$23,742,792		\$3,793,814	\$57,169,386
Other Needs Assistance	\$69,316,689	\$110,069,172		\$512,758	\$179,898,619
State ONA Cost Share	\$17,329,172	\$27,517,293		\$128,189	\$44,974,654
Small Business Adm	\$102,564,900	\$409,274,400		\$4,224,800	\$516,064,100
Funeral Assistance			\$58,001,014		\$58,001,014



# STATE DECLARATIONS

In cases where a disaster does not qualify for a federal declaration, or there are unmet needs remaining after federal programs, state-funded disaster assistance helps fill the gaps.

## PUBLIC ASSISTANCE

DECLARATION	ESTIMATED PA EVENT COSTS	PA STATE SHARE	STATE PAID TO DATE
Alberto May 2018	\$1,384,009	\$1,384,009	\$599,574
Marshall Dec. 2018	\$124,273	\$124,273	\$ 17,573
Marshall April 2019	\$312,195	\$312,195	\$245,373
Marion, Old Fort & Tryon May 2020	\$378,653	\$378,653	\$378,653
Lillington Aug 2020	\$1,221,994	\$1,221,994	\$1,060,460
Marion Oct 2020	\$251,270	\$251,270	\$251,270
Severe Weather (5/6/2022)	\$131,659	\$131,659	\$16,815
<b>Total</b>	<b>\$3,804,052</b>	<b>\$3,804,052</b>	<b>\$2,569,717</b>



## INDIVIDUAL ASSISTANCE

DISASTER (DECLARATION DATE)	SMALL BUSINESS ADMINISTRATION	GRANT AMOUNTS AWARDED
Heavy Precipitation 10/23/17	\$3,968,800	\$268,869
Severe Weather 6/14/27	\$49,100	\$35,442
Flooding & Heavy Winds 1/6/2019	\$491,100	\$251,503
Hurricane Dorian 10/4/2019	\$6,082,000	\$720,649
Hurricane Isaias 8/14/2020	\$897,800	\$480,535
Alleghany Earthquake 8/27/20	\$1,174,800	\$112,055
Hurricane Eta 11/12/2020	\$ 231,800	\$166,132

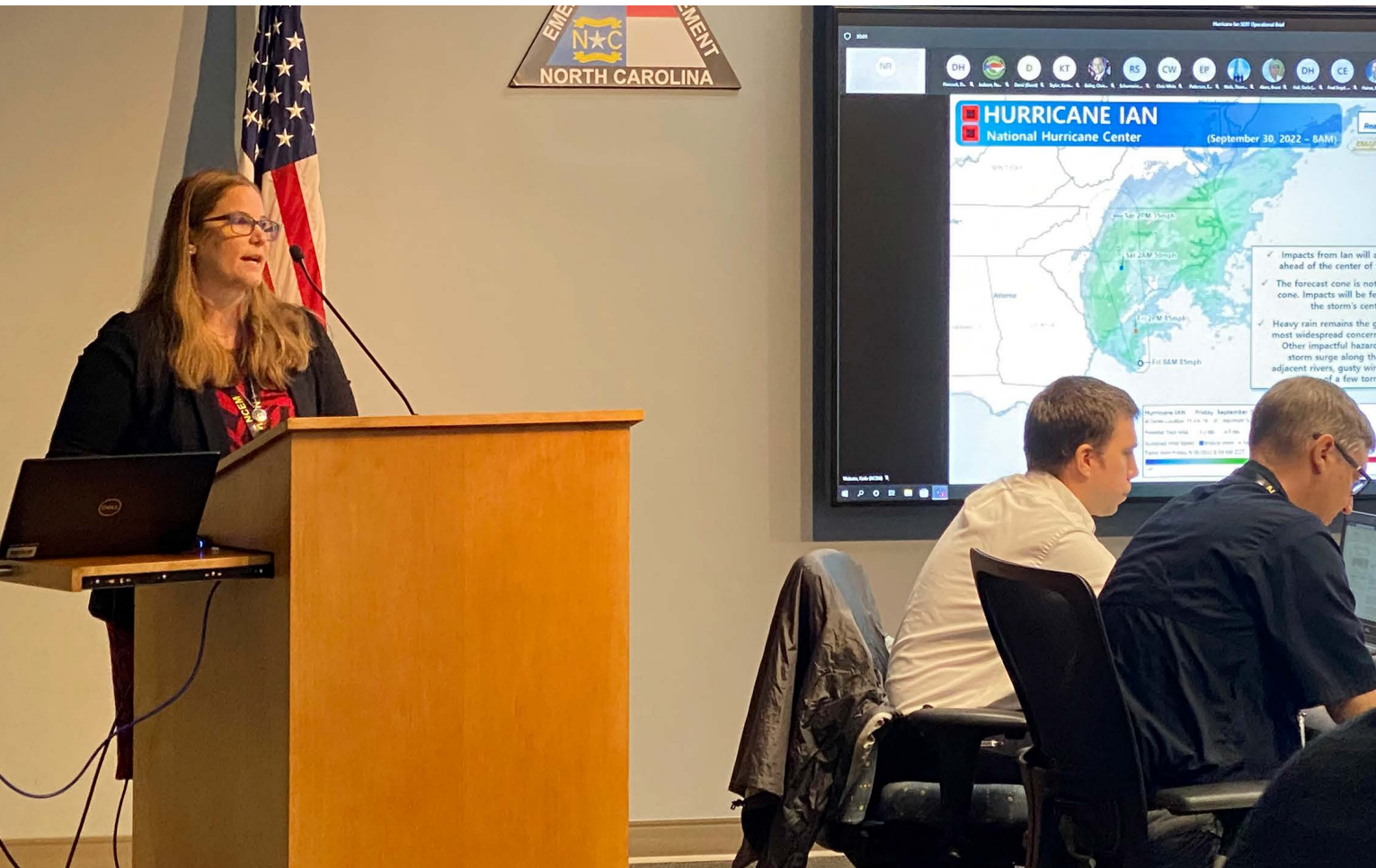
# LONG TERM RECOVERY

## Transportation Infrastructure Recovery Fund (TIRF) Projects

APPLICANT	PROJECT	GRANT AMOUNT
Town of Trenton	King Street Project	\$94,350.00
Wilmington Police Department	Traffic Intersection Project	\$482,000.00
Town of Duck	NC12 Elevation Natural Planning	\$549,659.50
Town of Wilkesboro	Woodfield Way Project	\$2,089,401.79
Mountain Project Transportation	Generator	\$36,852.07
Town of Pollocksville	Main Street Resiliency Project	\$548,800.00
City of Lillington	East Duncan St Project	\$790,000.00
City of Havelock	Lee Drive Project	\$190,541.00
Elizabeth City	Rivershore Rd Project	\$1,971,000.00
City of Kinston	Akin Branch Project	\$1,208,590.00
Town of Boiling Springs	Drayton Road Project	\$922,306.00
Town of Navassa	Three Crossing Mitigation Project	\$485,000.00
Carteret County	Auto Fuel Refilling Upgrade	\$225,000.00
Town of Mt. Olive	Maple and Nelson St. Project	\$964,100.00
Pender County	NC210 Evacuation Rt. Study	\$200,000.00
Conserving Carolina	Davidson River Road Project	\$120,000.00
Transylvania County	Hart Road Mitigation Project	\$2,365,016.00

## Disaster Relief and Mitigation Fund (DRMF) Projects

APPLICANT	PROJECT	GRANT AMOUNT
Town of Surf City	South Shore Drive Project	\$520,100
Cumberland County	Spring Lake Wastewater/Storm Project	\$63,000
Town of Cape Carteret	Flood Mitigation Project	\$200,000
Town of Mint Hill	Hanging Moss Drive Project	\$1,280,000
Town of Pine Knoll Shores	Emergency Drain Lines Projects	\$104,000
Town of Wallace	Wallace WWTP Project	\$1,166,490
Haywood County Soil and Water	S and W stream site repair	\$379,000
City of Havelock	Gray Fox Road Project	\$812,000
City of Morehead City	Shepard St. Project	\$2,482,446
City of Salisbury	Stream Watch Project	\$64,000
Lenoir County Drainage District	Rehabilitate Main Canal	\$1,100,000
Town of Maggie Valley	Maggie Valley WWTP Project	\$359,345
EBCI	Flood Water Mitigation Project	\$450,000
City of New Bern	Duffy Field Stormwater Project	\$2,586,291
City of Sanford	Buffalo Creek Project	\$1,153,816
Elizabeth City	Church Street Pump Station Project	\$570,500
Haywood County EMS	River Gauge Project	\$175,000.00
Haywood County EMS	Siren System Emergency Notification	\$1,525,000.00



# RESPONDING TO THE CALL 2022 MAJOR INCIDENTS

**COVID-19 Pandemic – August 15**  
Governor Cooper lifted the state of emergency related to COVID-19, which had been first put in place on March 10, 2020.

**Election Support – May 17, 2022**  
Activated the State Emergency Operations Center to support the State’s Board of Elections staff for the statewide primary elections.

**Severe Weather – May 23 & 25, 2022**  
Activated the State Emergency Operations Center to support county response efforts due to severe weather that caused downed trees and othe damage.

**Juniper Road Two Fire – September 25, 2022**  
Supported efforts to combat the Juniper Road Two Fire that was started by a lightning strike and burned more than 1,200 acres in the Holly Shelter Game Lands.

**Hurricane Ian – September 28, 2022**  
Winds from Hurricane Ian left more than 418,000 without power in the state, and led to four deaths. More than a dozen personnel from NC Emergency Management and responders from local governments went to help Florida through the Emergency Management Assistance Compact.

**Statewide Elections – October 20, 2022**  
Activated the State Emergency Operations Center to support the State’s Board of Elections staff for the statewide mid-term elections.

**October – Cyber threat/Statewide maintenance of system**  
In an abundance of caution due to a threat to the states cyber network, the NC Department of Information Technology performed systemwide maintenance. The state’s Joint Cybersecurity Task Force, housed at the State Emergency Operations Center helped secure the network.

**Hurricane Nicole – November 10, 2022**  
Heavy rains from this system caused some flooding in Western North Carolina and prompted many tornado warnings across the state.

**Extreme Cold Tempatures – December 23**  
An arctic mass approached brought strong winds to the state causing power outages across North Carolina. At its peek there were more than 485,000 people without power.

## EMERGENCY DECLARATIONS

Governor Roy Cooper declared states of emergency for these events in 2022.

**COVID-19 Pandemic**  
Executive Order 116 – March 10, 2020 – August 15, 2022  
This long-running state of emergency for COVID-19 was terminated on Aug. 15.

**Winter Storm**  
Executive Order 247 – January 13, 2022

**Winter Storm**  
Executive Order 248 – January 19, 2022

**Hurricane Ian**  
Executive Order 270 – September 28, 2022

**December Extreme Cold**  
Executive Order 275 – January 5, 2023

## DISASTER DECLARATIONS

State and federal disaster declarations can provide additional recovery funding and resources when the local government’s capacity to recovery is exceeded.

**FEDERAL DECLARATION - Hurricane Ian October 1, 2022**  
This federal Emergency Declaration provides direct federal assistance and Public Assistance Category B only (emergency protective measures) for all North Carolina counties and the Eastern Band of Cherokee Indians.

**STATE DECLARATION - Town of Wentworth Severe Weather Impacts July 15, 2022**  
This disaster declaration provides state public assistance grants for debris clearing in the Town of Wentworth.



# 24-HOUR WATCH

The NCEM 24-Hour Watch Center serves as the State Warning Point and is an information and communication sharing hub for incident information and intelligence data from federal, state, and local partners. Watch Analysts receive incident reports and resource requests from counties for all hazards, including severe weather, missing persons, hazmat incidents, fish kills, search and rescue missions, forest fires, sewage leaks and a variety of other threats. 24-Hour Watch can also initiate emergency alert messages, as well as wireless emergency alerts via FEMA's Integrated Public Alert & Warning System (IPAWS). All incident information and intelligence reported by local, state, and federal authorities to the NCEM 24-Hour Watch Center are documented in official records.



## 2022 CALLS TO STATE EOC 24-HOUR WATCH

Bomb threats	37
Communications	28
Complaints	533
Fires	144
HazMat	1264
Law Enforcement	66
Search & Rescue	231
Sinkholes	5
Transportation	272
Wastewater	279
Weather	253
<b>TOTAL</b>	<b>3112</b>

# TRAINING AND EXERCISES

Quality training opportunities provide emergency managers, first responders and volunteers with the skills and knowledge needed during disaster response and recovery. Exercises provide a chance to test those skills and learn in simulated environments. NCEM's Training Section coordinated 569 classes this year, in-person and online, that included more than 11,270 students.

## TRAINING AND EXERCISES IN 2022

	CLASSES	STUDENTS
Incident Management and Command	229	3,610
Floodplain	5	273
Search & Rescue	102	2,920
Hazardous Materials	6	113
Public Information/Communication	40	804
Active Assailant	14	23
Radiological Emergency Preparedness	3	198
Community Emergency Response Team	26	462
Other Federal Training	71	1,051
Other State Training	73	1,816
<b>Total</b>	<b>569</b>	<b>11,270</b>

# STATE EMERGENCY RESPONSE COMMISSION



The State Emergency Response Commission is responsible for protecting the state's residents and environment through effective emergency planning and informing the community of chemical hazards. The SERC acts in an advisory capacity to the Secretary of Public Safety in coordinating the activities of the State Homeland Security Program and the domestic preparedness regions.

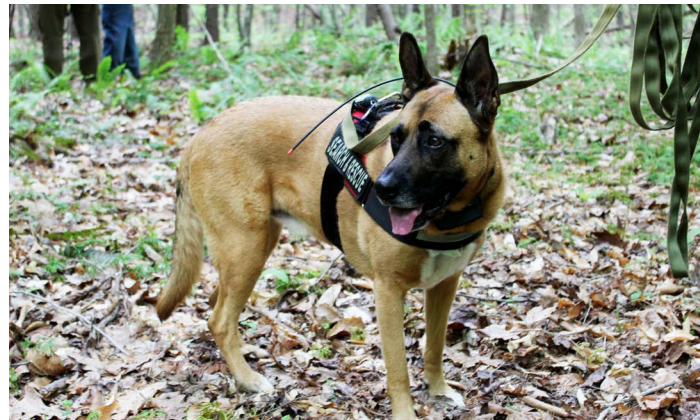
## The SERC also fulfills these responsibilities:

- Reviews homeland security grant applications and allocations for state and regional homeland security related projects
- Reviews plans for preventing, preparing, responding and recovering from acts of terrorism and all hazards.
- Ensures collaboration with homeland security stakeholders in government and private sector and encourages resident awareness and participation in all-hazards preparedness.

## SERC COMMISSIONERS

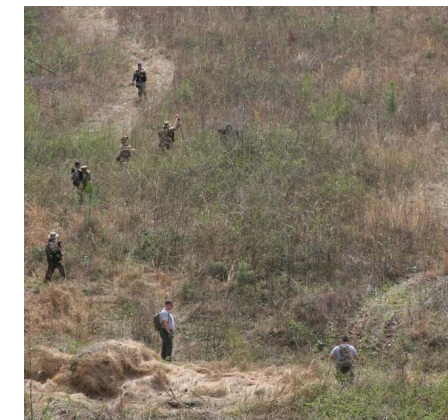
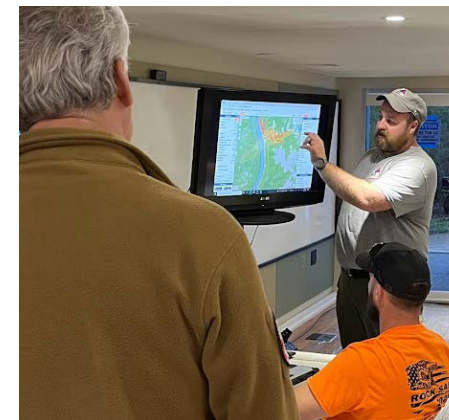
- Chair - Eddie Buffalo – Department of Public Safety
- Vice-Chair – William Ray – NC Division of Emergency Management
- J. Eric Boyette – NC Department of Transportation
- Susan Kansagra – NC Division of Public Health
- Freddy Johnson – NC State Highway Patrol
- Tom Mitchell – NC Office of Emergency Medical Services
- Fleda Anderson – NC Department of Labor
- Brian Taylor – NC Office of the State Fire Marshal
- Bob Schurmeier – NC State Bureau of Investigation
- Kenneth Weatherington – NC Community Colleges
- John Howard – NC Department of Agriculture and Consumer Services
- Toby Vinson – NC Department of Environmental Quality
- Todd Hunt – NC National Guard
- Rob Main – NC Department of Information Technology
- Karen Fairley – NC Department of Public Instruction
- Karyn Yaussy – NC Emergency Management Association
- Ross Bulla – Private Citizen
- Kevin Staley – NC Association of EMS Administrators
- Garry McCormick – HazMat Production/Transport/Storage
- Paula Dance – NC Sheriff's Association
- Donna Julian – NC Association of Venue Managers
- Reginald Johnson – NC Association of Fire Chiefs
- Chip Hawley – NC Association of Police Chiefs

# CATAWBA SARX MOUNTAIN EXERCISE



North Carolina Emergency Management joined Burke County Emergency Services and North Carolina State Parks for a missing person wilderness search and swift water rescue exercise in and around the area of South Mountain State Park. The exercise was a continuous 24-hour operation that took place April 28 through May 1, 2022. In addition to a wilderness search on foot for a missing person in South Mountain State Park, which included K-9 and Drone operations, there was a second missing person being searched for by boat crews. Teams also performed both swift and static water rescues on Lake James, Wilson Creek, Catawba River and Johns River.

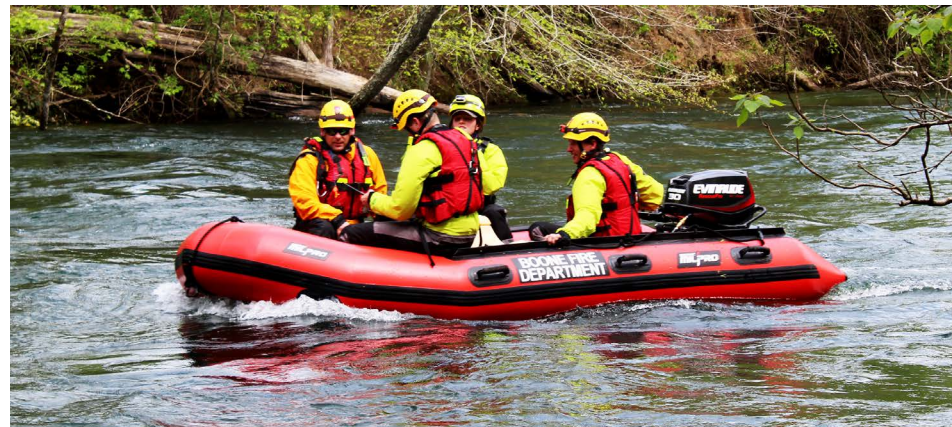
# ROCKSAR



The statewide search and rescue exercise, RockSAR 2022, was held in Rockingham March 18-20, 2022. The exercise simulated search and rescue operations in a wilderness environment. Ground search and rescue, technical rescue, water rescue and K-9 teams participated. Search and rescue teams from across North Carolina gathered for functional skills, land navigation/man tracking, SAR Topo mapping, K-9 scent article collection, unmanned aerial systems/drone operations, rope rescue and high line operations, remotely operated vehicles for underwater search and sonar target acquisition. The exercise was hosted by Richmond County Emergency Services, North Carolina Emergency Management, CrisisTEC and SKS Solutions.



# BRUNSWICK NUCLEAR PLANT 2022 PLUME & INGESTION PATHWAY EXERCISE



North Carolina Emergency Management participated in an exercise to test the emergency response plans and capabilities of state and local government organizations that would respond in the event of an incident at the Brunswick Nuclear Power Plant. The plant located two miles north of Southport, NC in Brunswick County, came online in the mid-1970s and can produce 1,870 megawatts, which is enough to power more than 1.5 million homes.

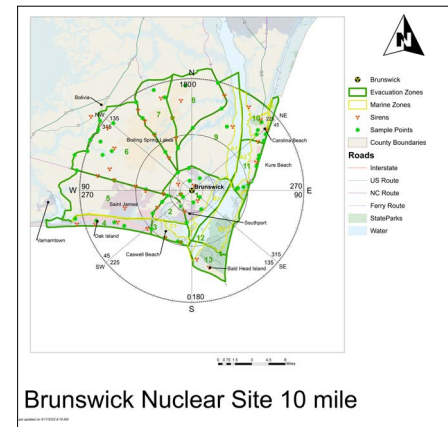
The FEMA evaluated exercise tested response plans within the 10-mile Emergency Planning Zone around the plant on July 26, 2022. The following day, a second part of the exercise focused on a 50-mile radius around the plant, and considered agricultural and food supply impacts, and re-entry and return home after evacuation. FEMA evaluated the exercise to ensure the capabilities of those involved to coordinate an effective response during an emergency event.

On the first day staff from NCEM worked out of the State Emergency Operations Center in Raleigh, coordinating with Duke Energy, federal agencies along with state partners and local government entities, and other emergency response officials including fire departments and law enforcement. Brunswick and New Hanover counties participated in this exercise along with agencies ranging from NCEM to the Nuclear Regulatory Commission, FEMA, the North Carolina Department of Agriculture and Consumer Services, the state's Department of Health and Human Services, and others. FEMA brought in 28 staff members to evaluate the exercise, which took place in 10 different venues.

On the second day these resources converged at an incident command post set up at the Sampson County Expo Center in Clinton, NC, for a tabletop decision-making exercise. This also included representation from the eight counties impacted in the Ingestion Exposure Pathway, including Horry County in South Carolina.

FEMA evaluated four core capabilities, which included operational coordination, situational assessment, public information and warning, and environmental response/health and safety. Overall, the team was able to fulfill all its objectives and core capabilities.

The emergency preparedness plan and task forces are a collaborative effort between Duke Energy, FEMA, state and local governments, as well as emergency services response officials such as fire departments and law enforcement.



# RESPONDER ASSISTANCE INITIATIVE



## The Goals

- Remove barriers with accessing care in the first responder community
- Increase first responder resiliency and readiness in North Carolina
- Bolster prevention and early intervention resources for the responder population
- Standardize best practice protocols for peer support, clinical and spiritual intervention

The North Carolina Department of Public Safety identified a strategy that prioritizes first responder wellbeing by leading a comprehensive initiative that aims to unify responder support systems. NCDPS, through the North Carolina Division of Emergency Management, is leveraging the value of the Responder Assistance Initiative (RAI) to reach responder groups through coordinated protocols and best practices that integrate peer team providers, embedded behavioral health clinicians, mental health treatment services and professional resources at the highest level.

This initiative began in 2019 with a two-year, \$4.3 million federal Department of Justice grant managed by the Governor's Crime Commission, with 80% federal and 20% state funds providing the initial funding for the development and implementation of Integrated Behavioral Health Services (IBHS) a program designed to provide a mechanism for the integration of and access to medical and non-medical behavioral health support systems that serve DPS staff members and their families. Specifically, the program focused on serving those who work in high stress work environments and who are regularly exposed to threats and violence in the workplace. Twenty full-time employees mobilized to build the program and meet the need, accomplishing a five-year plan in two short years. In 2021, the program was written into the state budget and subsequently signed by the governor to authorize appropriated funding for the program.

In the same year, the 2021 Appropriations Act created the Department of Adult Corrections, removing the Division of Adult Corrections from DPS effective January 1, 2023. In the advent of this separation, a framework for the future of IBHS began to unfold and the program was rebranded as the Responder Assistance Initiative and is now housed in the Division of Emergency Management.



## RAI MISSION

Leading a holistic initiative that leverages partnerships to reduce stigma, promote resiliency, and bring evidence-based support to North Carolina public safety personnel.

This free, confidential and voluntary support is available to the employees of NCDPS and their immediately family members. Through a phased expansion of services beyond NCDPS, RAI will advance the vision of a sustainable continuum of wellness resources that connects North Carolina first responders to an integrated safety net of gold standard peer teams and trusted professionals.



Plan. Prepare. Stay Informed.  
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