

# NCDA&CS

## Emergency Programs Division

5/9/2023

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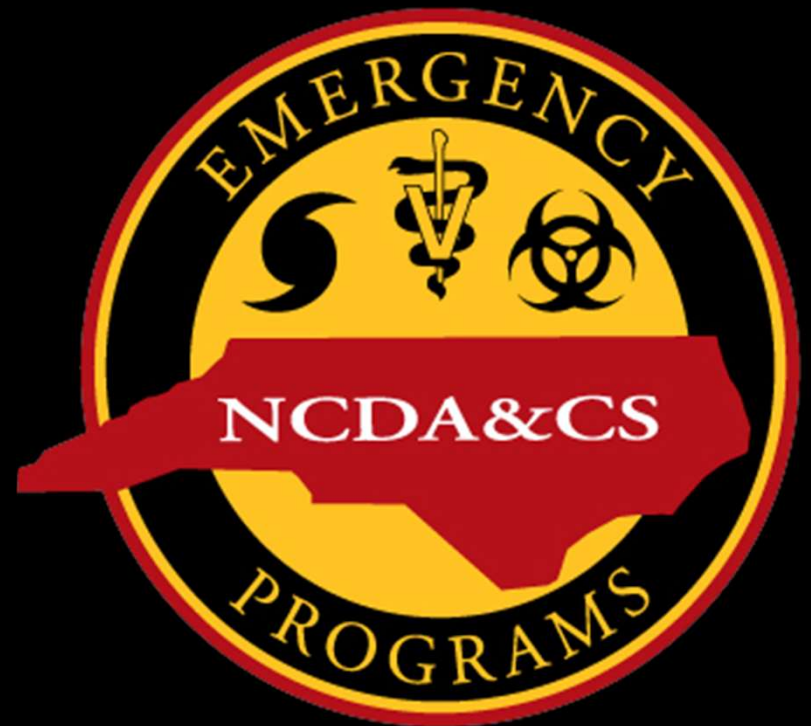
# Origin of Emergency Programs Division



# Emergency Programs Division

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- Mission
  - to support the agriculture community and protect consumers by coordinating the Department's efforts to plan for, respond to and recover from emergency events and public health concerns that may impact agriculture in NC.
- <https://www.ncagr.gov/oep/>



# Emergency Programs Division

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- NCDA&CS – State Lead for Emergency Support Function 11
  - Agriculture and Natural Resources
    - Nutrition assistance; control/eradicate animal/plant disease outbreak; food safety and security; protect natural/cultural resources; provide for the safety and well-being of household pets
- Coordinate Department preparedness, response, and recovery activities
- Incident Management
- Information Support Services
  - Technology development and support, GIS, information management



# EP Staff

- **Field staff**

- **Operations Chief**

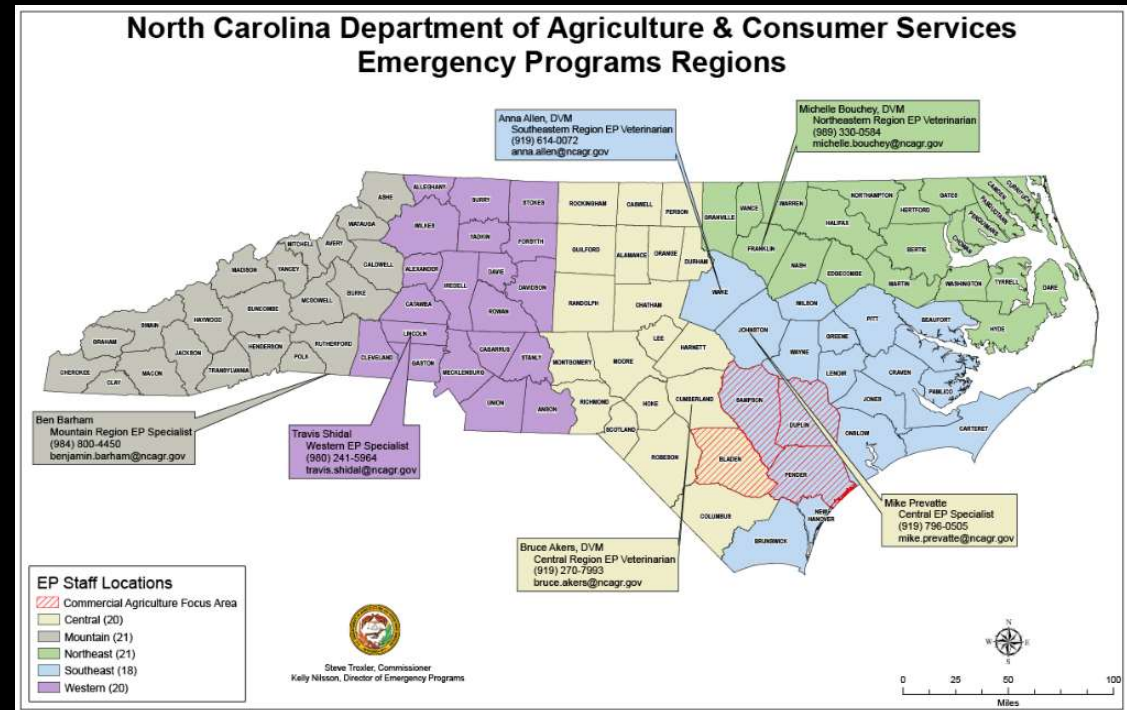
- **3 Veterinarians, 3 Ag Emergency Specialists w/ varied backgrounds;**
  - **Work at both the county and state level with partners**

- **Information Support Services (ISS)**

- **Programmers/GIS Analysts - geospatial applications and data management before, during and after disasters**

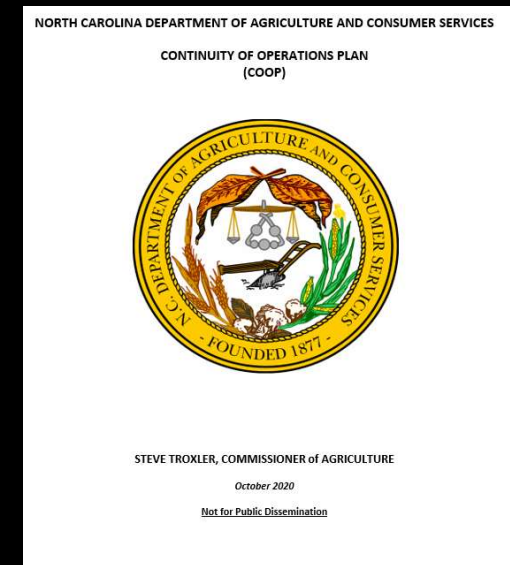
- **Administrative Staff**

In large events, fill ICS roles: Command, Liaison, Operations, Planning, Finance, Logistics



# Preparedness Activities

- Develop and conduct Emergency Operations Plans (EOPs), Standard Operating Procedures (SOPs), training, exercises specific to agriculture response
  - Foreign Animal Diseases such as Avian Influenza, African Swine Fever, Foot and Mouth Disease
  - Natural Disasters
  - Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE)
  - Agroterrorism



# Preparedness

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- Maintain emergency response equipment and supplies
  - CAMET and CAST
  - Depopulation units (swine and poultry)
  - Decon units
  - PPE
  - Miscellaneous response equipment from other Divisions including access to helicopters, military surplus high-water vehicles, dozers, tractors, backhoes, refrigerated trailers



## Response - Key NCDA&CS Divisions

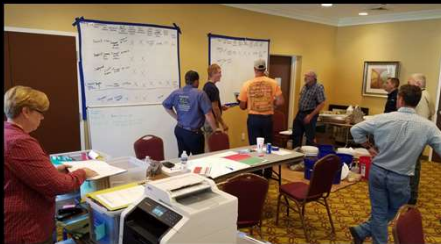
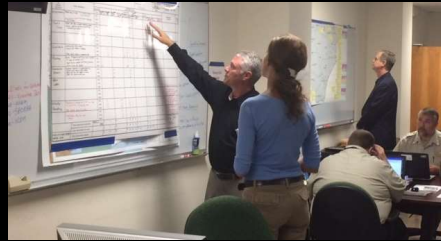
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- **NC Forest Service** – incident management, chainsaw crews
- **Veterinary** – animal health issues related to response and recovery
- **Agonomic Services** – information sharing on storm damage to crops
- **Food and Drug Protection** – flood damage and power loss to food processors, stores
- **Food Distribution** – mass feeding, Food commodities, transportation
- **Meat and Poultry Inspection** – flood damage and power loss to meat processors
- **NC State Fair** – staging area for responders and equine sheltering support
- **Marketing** – facilities for staging and equine sheltering support
- **Plant Industry** – nurseries and plant disease response
- **Research Stations** – staging for assets and response to issues on farms
- **Soil and Water Conservation** – debris management in streams, creeks and hog lagoon
- **Structural Pest Control and Pesticides** – flooding or damage to pesticide storage facilities



# Response

- Command and Control (ICS)
- Resource and finance tracking
- Fly-over coordination
- Web-based tool development and support
- Mapping



## HURRICANE FLORENCE

### Incident Action Plan

Thursday, September 20, 2018

Operations Period 0700 - 1900

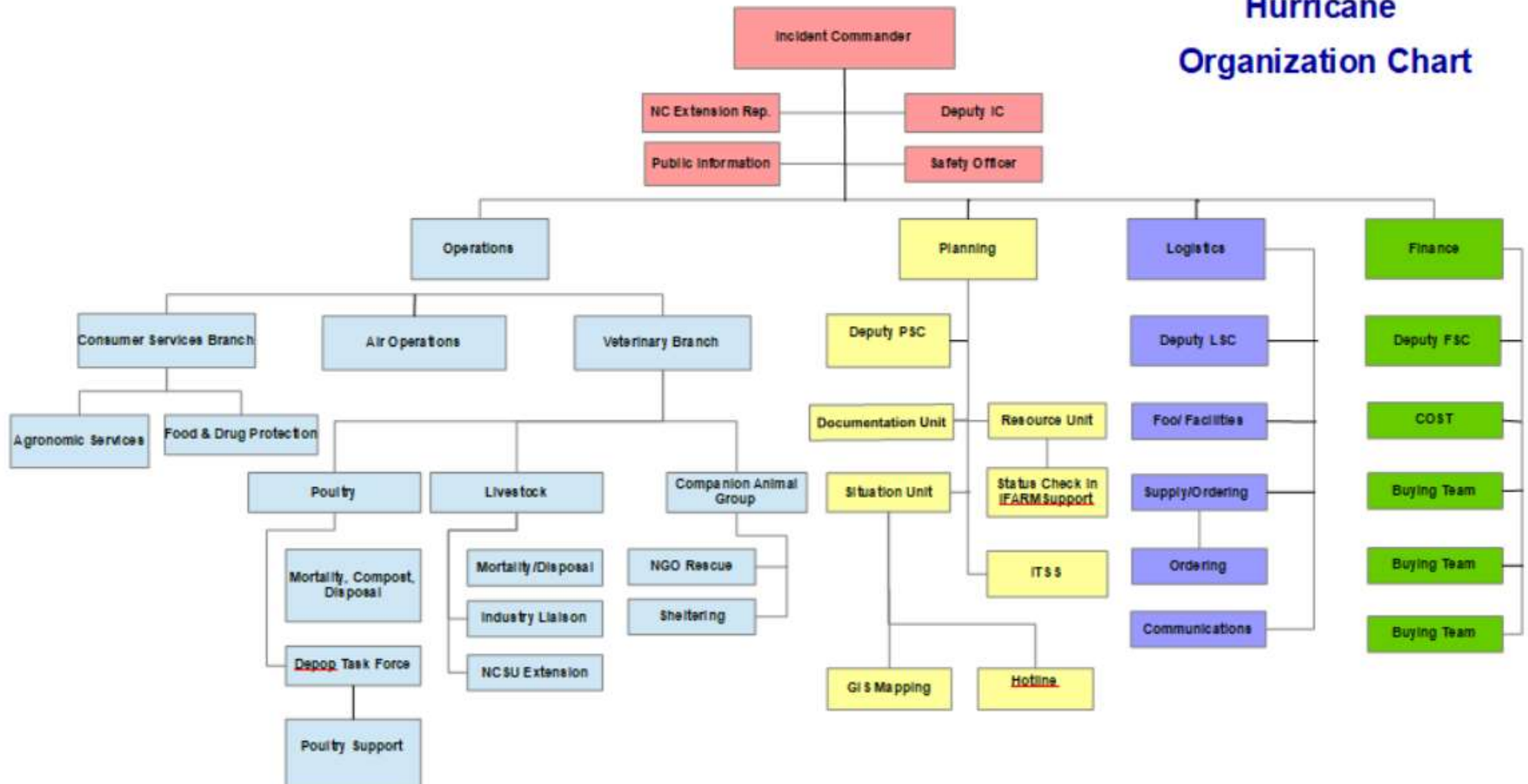


NCDA&CS EOC

Cost Center/Charging Code – 1017-7777

Remote OPS Briefing 0700 – (919)501-4276

# Hurricane Organization Chart





# Food and Drug Protection Group





# Companion Animal Group

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- Work with local and state partners and national NGOs
- Daily coordination calls with partners
- Coordinate animal search and rescue
- Find personnel and supplies for collocated shelters
- Coordinate movement of CAMETs and CASTs

# Livestock Group

- Prediction maps before landfall
- Daily coordination calls with industry groups (swine, cattle, equine)
- Delivering hay, feed, generators
- Assisting with animal rescue
- Fencing repair





# Poultry Group

- Prediction maps before landfall
- Daily coordination calls with industry
- Foam depopulation
- Gather reports of mortality





# Mortality Management Group

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- Coordinate clean-out and composting operations on commercial animal farms affected by natural disasters or disease outbreaks
- Monitor biosecurity during disposal activities



## Recent NCDA&CS Response Highlights in North Carolina

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- Highly Pathogenic Avian Influenza in Midwest, 2015
- Hurricane Matthew, 2016
- Hurricane Florence, 2018
- Hurricane Dorian, 2019
- Low Pathogenic Avian Influenza, 2020
- COVID-19 food supply chain disruptions, 2020 – ??
- Highly Pathogenic Avian Influenza, 2022

## Coordination with Local/State/National Partners

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- NC Emergency Management
- NC Dept. of Environmental Quality
- NC Dept. of Health and Human Services
- NC Cooperative Extension
- NCSU College of Veterinary Medicine
- USDA APHIS
- NRCS
- National Animal Rescue and Sheltering Coalition (NARSC)
- Southern Agriculture and Animal Disaster Response Alliance (SAADRA)
- NC Cattlemen's Association
- Farm Bureau
- NC Horse Council
- NC Pork Council

And so many more...