

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

---

### ESF Coordinator:

Department of Agriculture

### Primary Agencies:

Department of Agriculture  
Department of the Interior

### Support Agencies:

Department of Commerce  
Department of Defense  
Department of Energy  
Department of Health and Human Services  
Department of Homeland Security  
Department of Justice  
Department of Labor  
Department of State  
Department of Transportation  
Environmental Protection Agency  
General Services Administration  
National Archives and Records Administration  
U.S. Postal Service  
Advisory Council on Historic Preservation  
American Red Cross  
Heritage Emergency National Task Force  
National Alliance of State Animal and Agricultural Emergency Programs  
National Animal Rescue and Sheltering Coalition  
National Association of State Directors of Agriculture  
National Assembly of State Animal Health Officers  
Extension Disaster Education Network

## INTRODUCTION

---

### Purpose

Emergency Support Function (ESF) #11 – Agriculture and Natural Resources organizes and coordinates Federal support for the protection of the Nation’s agricultural and natural and cultural resources during national emergencies. ESF #11 works during actual and potential incidents to provide nutrition assistance; respond to animal and agricultural health issues; provide technical expertise, coordination and support of animal and agricultural emergency management; ensure the safety and defense of the Nation’s supply of meat, poultry, and processed egg products; and ensure the protection of natural and cultural resources and historic properties.

### Scope

---

ESF #11 includes five primary functions:

- **Providing nutrition assistance:** Includes working with state agencies to determine nutrition assistance needs, obtain appropriate food supplies, arrange for delivery of the supplies, and authorize the Disaster Supplemental Nutrition Assistance Program (D-SNAP).

## **Emergency Support Function #11 – Agriculture and Natural Resources Annex**

---

- **Responding to animal and agricultural health issues:** Includes implementing an integrated local, state, tribal, territorial, insular area, and Federal response to significant incidents threatening the health of animals, plants, or humans exposed to animals or plants. When mission assigned, ESF #11 ensures, in coordination with ESF #8, that animal/veterinary issues in natural disasters are supported. The U.S. Department of Agriculture (USDA) and Department of Interior (DOI) collaborate with the Department of Health and Human Services (HHS) to deliver effective “one health” response that integrates human, animal, and environmental health.
- **Providing technical expertise in support of animal and agricultural emergency management:** Includes responding to requests from the Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA) to assist local, state, tribal, territorial, insular area, and Federal jurisdictions to facilitate coordination of the public and private sector and nongovernmental organization (NGO) resources to provide surge response capabilities pertaining to animals. Animals include household pets, service and assistance animals, agricultural animals/livestock, wildlife, and other animals (including exotics, zoo animals, animals used in research, and animals housed in congregate settings, such as shelters, rescue organizations, breeders, and sanctuaries).
- **Ensuring the safety and defense of the Nation’s supply of meat, poultry and processed egg products:** Includes conducting routine inspections to ensure the safety of regulated products that enter commerce; the inspection and verification of food safety aspects of regulated slaughter and processing facilities and import facilities at ports of entry; laboratory analysis of regulated product samples; control of regulated products suspected to be adulterated; foodborne disease surveillance; and investigations.
- **Protecting Natural, Cultural Resources, and Historical Properties (NCH) resources:** Includes appropriate response actions to preserve, conserve, rehabilitate, and inform long-term recovery of NCH resources. This includes providing post event assessments of damages and providing technical assistance and resources for assessing impacts of response activities on NCH resources.

### **RELATIONSHIP TO THE WHOLE COMMUNITY**

---

This section describes how ESF #11 relates to other elements of the whole community.

#### **Individuals/Households**

---

Individuals are responsible for knowing the risks they face and developing emergency plans for their families that include emergency preparedness for the animals in their household, whether those animals are owned for pleasure or commercial purposes. To the extent possible, during an incident, individuals should carry out their emergency plans in accordance with responder instructions.

During an incident, to the extent practical, animal evacuation and sheltering should be conducted in conjunction with human evacuation and sheltering efforts; animals should be sheltered near their owners. Service animals are not pets and may not be separated from the individual with a disability or other access and functional need, and they should be permitted anywhere the public goes. Owners should provide food, water, husbandry, and exercise for their animals while they are in emergency shelters.

## **Emergency Support Function #11 – Agriculture and Natural Resources Annex**

---

### **Local, State, Tribal, Territorial, and Insular Area Governments**

---

Local, state, tribal, territorial, and insular area governments are primarily responsible for the welfare of individuals and animals within their jurisdictions.

Typically, at the local level, the animal control agency is the authority that has jurisdiction for non-disease animal emergency management issues within a given community. At the state level, the Department of Agriculture, Board of Animal Health, State Wildlife Management Agency, or the Emergency Management Agency coordinates animal response activities.

When requested and mission assigned, ESF #11 can assist in coordinating or providing technical assistance to address animal/agriculture emergency management issues. The state, tribal, or territorial government designates an official(s) to coordinate with Agriculture and Natural Resources. This official(s) serve as the principal point(s) of contact with ESF #11 Coordinators at the Regional Response Coordination Center.

Transportation and distribution of food supplies within the affected area are arranged by local, state, tribal, territorial, insular area, Federal, and voluntary organizations.

Animal and agricultural health responses are conducted in collaboration and cooperation with state authorities and private industries to ensure continued human nutrition; animal, plant, and environmental health; and support of the American economy and trade, under USDA statutory authority.

Inspection of meat, poultry, and processed egg products; production and import facilities; and distributors during a response may be conducted, occur with local, state, tribal, territorial, and insular area authorities and the regulated industry, if needed, to ensure public health and support the American economy and trade.

Actions taken during an animal or agricultural emergency are guided by and coordinated with local, state, tribal, territorial, and insular area emergency preparedness and response officials, homeland security officials, and existing USDA internal policies and procedures.

Actions taken during an emergency threatening the environment or cultural and historic resources are guided by and coordinated with the appropriate local, state, tribal, territorial, and insular area agencies, including the state historic preservation office, state archives, and local emergency management agencies.

### **Private Sector/Nongovernmental Organizations**

---

Most animal and agriculture emergency response resources and assets are owned or controlled by the private sector and NGOs.

Animal emergency management is and has always been a whole community effort—a blending of emergency management and animal handling expertise. At the local level, veterinarians, farmers, animal control agencies and humane organizations, breeders, wildlife rehabilitators, and others make up the animal infrastructure within a community. These entities should be encouraged to collaborate with government to meet emergency animal needs in their communities. Many states have integrated animal response

## **Emergency Support Function #11 – Agriculture and Natural Resources Annex**

---

capabilities, such as county and/or state animal response teams, veterinary medical reserve corps, or similarly named entities.

Animal and agricultural health responses are conducted in collaboration and cooperation with state authorities and private industries to ensure continued human nutrition; animal, plant, and environmental health; and support of the American economy and trade.

Businesses where animals are integral to operations (such as production agriculture, zoos/exhibitors, research facilities, breeders, animal welfare agencies/sanctuaries, and veterinary hospitals) should be encouraged to have contingency plans in place for animals housed in the facility, in the event of a disaster or emergency. Nonprofit networks, such as the American Veterinary Medical Association and the Association of Zoos and Aquariums/Zoo Animal Health Network, can provide information on contingency planning for veterinary facilities, zoos, and other congregate animal facilities.

Cultural heritage institutions (such as museums, libraries, archives, records repositories, and historical societies) should be encouraged to develop emergency plans, including having contingency plans in place for their collections in the event of a disaster or emergency. Nonprofit networks, such as the Heritage Emergency National Task Force, can provide information on cultural and historic resources at risk.

Transportation and distribution of food supplies within the affected area are arranged by local, state, tribal, territorial, insular area, Federal, and voluntary organizations.

Inspection of meat, poultry, and processed egg products; production and import facilities; and distributors during a response may be conducted with local, state, tribal, territorial, and insular area authorities and the regulated industry, if needed, to ensure public health and support the American economy and trade.

### **Federal Government**

---

Specific information on Federal Government actions are described in the following sections.

## **CORE CAPABILITIES AND ACTIONS**

---

### **ESF Role Aligned to Core Capabilities**

The following table lists the Response core capabilities that ESF #11 most directly supports, along with the related ESF #11 actions. Though not listed in the table, all ESFs, including ESF #11, support the core capabilities of Planning, Operational Coordination, and Public Information and Warning.

NOTE: Many USDA activities are performed under statutory authority; mission assignments are needed to utilize ESF #11 capabilities listed when the mission exceeds functions performed under statutory authority.

**Emergency Support Function #11 – Agriculture and Natural Resources Annex**

<b>Core Capability</b>	<b>ESF #11 Agriculture and Natural Resources</b>
<b>Logistics and Supply Chain Management</b>	<p><b>Nutrition and Food Assistance</b></p> <ul style="list-style-type: none"> <li>• Determines nutrition assistance needs.</li> <li>• Identifies and obtains appropriate food supplies.</li> <li>• Arranges transportation for food supplies.</li> <li>• Authorizes the Disaster Supplemental Nutrition Assistance Program.</li> </ul> <p><b>NCH Resources Protection</b></p> <ul style="list-style-type: none"> <li>• Coordinates NCH resources identification and vulnerability assessments.</li> <li>• Facilitates development and application of measures and strategies to protect, preserve, conserve, rehabilitate, stabilize, and guide the recovery of NCH resources.</li> <li>• Assists in emergency compliance with relevant Federal environmental laws, such as emergency permits/consultation for natural resources use or consumption, during emergency response activities.</li> <li>• Manages, monitors, and assists in or conducts response actions to minimize damage to NCH resources.</li> <li>• Shares best practices and assists in development of programmatic approaches to address and expedite NCH-related requirements for all Federal actions/initiatives taken to respond to or recover from an incident requiring a coordinated Federal response.</li> <li>• Provides assistance and expertise in addressing impacts to properties of traditional religious and cultural importance.</li> <li>• Provides up-to-date geospatial data related to impacted NCH resources and develops and provides standard operating procedures for collecting NCH digital data, conducting GIS analyses, and disseminating geospatial products, such as maps, related to NCH resources.</li> <li>• Provides incident management teams, such as the National Park Service Museum Emergency Response Team, to assist in NCH resource response actions.</li> </ul>
<b>Mass Care Services</b>	<p><b>Nutrition Assistance</b></p> <ul style="list-style-type: none"> <li>• Determines nutrition assistance needs.</li> <li>• Identifies and obtains appropriate food supplies.</li> <li>• Arranges transportation for food supplies.</li> <li>• Authorizes the Disaster Supplemental Nutrition Assistance Program.</li> </ul> <p><b>NCH Resources Protection</b></p> <ul style="list-style-type: none"> <li>• Assists in data collection and information analysis to inform decisions on placement of temporary housing sites and staging areas and mitigate possible damage to natural and cultural resources.</li> <li>• Conducts surveys of wetlands, archeological sites, and biological assessments to assist with evaluating sites to inform planning and operational decisions.</li> </ul>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Core Capability	ESF #11 Agriculture and Natural Resources
<p><b>Mass Care Services (continued)</b></p>	<p><b>Animal (including Household Pets and Service Animal) Mass Care and Emergency Assistance</b></p> <ul style="list-style-type: none"> <li>• Supports ESF #6 to coordinate an integrated Federal response to meet the mass care and emergency assistance needs of animals, including household pets and service animals, and their owners.</li> <li>• Facilitates whole community multi-agency coordination with NGO agencies for animal response activities.</li> <li>• Provides technical assistance and subject matter expertise to local, state, tribal, territorial, insular area, and Federal government, and NGOs, regarding animal response issues.</li> <li>• Coordinates needs assessments for animals, including household pets and service animals, and animal response needs and activities including technical support for evacuation and emergency animal sheltering.</li> </ul>
<p><b>Critical Transportation</b></p>	<p><b>NCH Resources Protection</b></p> <p>In support of response operations for damaged bridges, roads, culverts, borrow pits, and ditches:</p> <ul style="list-style-type: none"> <li>• Conducts surveys and evaluations for archaeological resources, historic structures, cultural landscapes, biological resources, wetlands, and critical habitat.</li> <li>• Assesses, evaluates, and makes recommendations for both natural and cultural resources to mitigate damage from incidents and reduce impacts to these resources resulting from repair, road surveying, and construction.</li> <li>• Provides monitors to protect sensitive resources during response operations.</li> <li>• Assists with environmental compliance: <ul style="list-style-type: none"> <li>– Section 106 of the National Historic Preservation Act.</li> <li>– Threatened and Endangered Species Consultation.</li> <li>– Migratory Species Act, Magnuson-Stevens Act, Coastal Management Zone.</li> </ul> </li> <li>• Provides liaisons to coordinate with tribal governments to ensure tribal/reservation roads, bridges, and other critical transportation resources are intact and safe for travel. Ensures that tribal projects meet all compliance regulations for both natural and cultural resources.</li> </ul> <p><b>Safety and Defense of the Nation’s Supply of Meat, Poultry and Processed Egg Products:</b> Ensures meat, poultry, and processed egg products in commerce are safe.</p>
<p><b>Environmental Response/Health and Safety</b></p>	<p><b>Safety and Defense of the Nation’s Supply of Meat, Poultry and Processed Egg Products:</b> Ensures regulated facilities are capable of providing safe meat, poultry, and processed egg products.</p>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Core Capability	ESF #11 Agriculture and Natural Resources
<p><b>Environmental Response/Health and Safety (continued)</b></p>	<p><b>NCH Resource Protection</b></p> <ul style="list-style-type: none"> <li>• Coordinates with ESF#10 – Oil and Hazardous Materials Response on the removal of debris affecting NCH resources.</li> <li>• Through the U.S. Geological Survey (USGS) and the National Wildlife Health Center, serves as the Federal lead on zoonotic and wildlife diseases.</li> <li>• Assists with environmental compliance:               <ul style="list-style-type: none"> <li>– Section 106 of the National Historic Preservation Act.</li> <li>– Threatened and Endangered Species Consultation.</li> <li>– Migratory Species Act, Magnuson-Stevens Act, Coastal Management Zone</li> </ul> </li> <li>• Performs assessments and surveys to assist with planning and operational decisions (e.g., temporary housing and sheltering plans).</li> <li>• Monitors response activities.</li> <li>• Monitors environmental conditions and conducts sampling.</li> <li>• Provides technical advice on mitigating impacts of contaminants and recommends clean up actions to minimize damage to sensitive resources from response activities.</li> <li>• Comments on debris removal plans to minimize the impact on sensitive environmental resources.</li> <li>• Provides technical assistance, guidance, best management practices, and consultation on a wide range of response actions including guidance on threatened and endangered species.</li> </ul>
<p><b>Public Health, Healthcare, and Emergency Medical Services</b></p>	<p><b>Animal and Agricultural Health</b></p> <ul style="list-style-type: none"> <li>• Responds to animal and agricultural health emergencies under USDA statutory authority.</li> <li>• Coordinates with ESF #8 on management of zoonotic disease.</li> <li>• Coordinates with ESF #8 to ensure that animal/veterinary health issues (including both disease management and medical management) are supported.</li> <li>• Collaborates with HHS and DOI to deliver effective “one health” response that integrates human, animal, and environmental health.</li> </ul> <p><b>Food Safety and Inspection:</b> Ensures the safety of the Nation’s supply of meat, poultry, and processed egg products.</p>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Core Capability	ESF #11 Agriculture and Natural Resources
Infrastructure Systems	<p><b>NCH Resources Protection</b></p> <ul style="list-style-type: none"> <li>• Assists with environmental compliance:               <ul style="list-style-type: none"> <li>– Section 106 of the National Historic Preservation Act.</li> <li>– Threatened and Endangered Species Consultation.</li> <li>– Migratory Species Act, Magnuson-Stevens Act, Coastal Management Zone.</li> </ul> </li> <li>• Performs assessments and surveys to assist with planning and operational decisions.</li> <li>• Monitors response operations to protect sensitive resources.</li> <li>• Provides technical advice on mitigating impacts of operations and recommends response actions to minimize damage to natural and cultural resources.</li> <li>• Provides DHS/FEMA and other agencies with technical guidance and best management practices.</li> <li>• Coordinates with ESF #3 on the removal of debris affecting NCH resources.</li> </ul> <p><b>Safety and Defense of the Nation’s Supply of Meat, Poultry and Processed Egg Products:</b> Ensures that when regulated facilities in the affected area return to operations, they produce safe meat, poultry, and processed egg products.</p>

### Agency Functions

This section describes specific functions performed by the ESF #11 primary and support agencies.

Primary Agency	Functions
U.S. Department of Agriculture (USDA)	<p><b>Food and Nutrition Service</b></p> <ul style="list-style-type: none"> <li>• Coordinates with USDA's Agricultural Marketing Service and Farm Service Agency to determine the availability of USDA foods that could be used for human consumption and assesses damage to food supplies.</li> <li>• Coordinates with local, state, tribal, territorial, and insular area officials, as well as with Federal and NGO partners, to determine the nutrition needs of the population in the affected areas.</li> <li>• Upon request by the state, approves application to operate the D-SNAP and issue D-SNAP benefits to qualifying households within the affected area.</li> <li>• Upon request by the state, approves provision of emergency food supplies available to households for take-home consumption in lieu of providing D-SNAP benefits.</li> <li>• Works with state, Federal, and voluntary agency partners to develop a plan of operation that ensures timely distribution of food in good condition to the proper location, once need has been determined.</li> </ul>



**Emergency Support Function #11 – Agriculture and Natural Resources Annex**

Primary Agency	Functions
<p><b>USDA (continued)</b></p>	<p><b>Animal and Plant Health Inspection Service</b></p> <p><u>Animal Health:</u></p> <ul style="list-style-type: none"> <li>• Detects animal disease anomalies and pests and assigns foreign animal disease diagnosticians to conduct investigations.</li> <li>• After diagnosis of disease, circulates warning notice to appropriate state and Federal officials in order to facilitate a timely and efficient response.</li> <li>• Coordinates tasks with other ESFs, state veterinary emergency response teams, and voluntary animal care organizations to respond.</li> <li>• Coordinates with ESF #8 on zoonotic disease surveillance activities.</li> <li>• Coordinates with ESF #8 on animal/veterinary issues.</li> </ul> <p><u>Agricultural Health:</u></p> <ul style="list-style-type: none"> <li>• Develops plant pest and disease exclusion systems and coordinates implementation across the interagency mitigating the risk of introduction of exotic plant pest and disease from foreign countries into the United States (foreign responders, equipment, supplies, and food).</li> <li>• Develops and maintains biosurveillance systems to detect exotic plant pests and disease and coordinates surveillance activities with local, state, tribal, and territorial governments.</li> <li>• Identifies and confirms the presence of newly detected exotic plant pests and disease in the United States.</li> <li>• Coordinates emergency response to newly detected plant pests and disease of economic or environmental significance with local, state, tribal, and territorial governments.</li> <li>• Mitigates the interstate movement and potential spread of exotic plant pest and disease in the United States (applies to equipment and supplies moving in and out of quarantine zones, debris removal, and movement of agricultural commodities or soils).</li> </ul>

**Emergency Support Function #11 – Agriculture and Natural Resources Annex**

Primary Agency	Functions
<p><b>USDA (continued)</b></p>	<p><u>Animal/Agriculture Emergency Management:</u></p> <ul style="list-style-type: none"> <li>• Provides technical assistance as requested on pet/animal and agriculture issues to support DHS/FEMA at local/state emergency operations centers, interim operating facilities/Joint Field Offices/Regional Response Coordination Centers/National Response Coordination Center.</li> <li>• Supports ESF #15 by providing animal and agricultural subject matter expertise in support of Joint Information Center (JIC) operations.</li> <li>• Provides technical assistance and assessment of facilities and businesses regulated under the Animal Welfare Act (includes zoos/exhibitors, research laboratories, commercial breeders, animal transporters) and of USDA-regulated select agent facilities.</li> <li>• Provides technical expertise in assessing humane care of animals during evacuation, transportation, and sheltering.</li> <li>• Provides species-related subject matter expertise (including pets, livestock, big cats, elephants, marine mammals, birds).</li> <li>• Provides technical expertise in veterinary medicine, animal husbandry, animal transportation, euthanasia, bio-physiology, toxicology, and radiation biology.</li> <li>• Coordinates with appropriate Recovery Support Functions (RSF) for transition of animal and agricultural response to recovery.</li> <li>• Facilitates reach back to resources from all sources, including private and public sector agricultural and animal industry groups, animal NGOs, universities/biomedical research facilities, zoos/exhibitors, commercial breeders, animal transporters, and national subject matter experts who could consult on specific animal and agricultural topics.</li> </ul> <p><b>Food Safety and Inspection Service</b></p> <ul style="list-style-type: none"> <li>• Assesses whether regulated meat, poultry, and egg product processors, distributors, and importers in the affected area are able to provide safe meat, poultry, and processed egg products. The operations of regulated facilities that cannot produce unadulterated products are suspended, and other regulated facilities continue to undergo regular or enhanced inspection and verification, including laboratory monitoring of meat, poultry, and processed egg product samples.</li> <li>• Works with local, state, tribal, territorial, insular area, and Federal authorities, as well as industry, if needed, to conduct tracing, recall, and control of adulterated regulated products. This includes overseeing proper disposal of adulterated products in order to protect public health and the environment in the affected area.</li> </ul> <p><b>Farm Service Agency</b></p> <ul style="list-style-type: none"> <li>• Provides emergency loans for agriculture sector; disaster assistance programs; and technical expertise.</li> <li>• Chairs the State Emergency Board.</li> </ul> <p><b>United States Forest Service</b></p> <ul style="list-style-type: none"> <li>• Makes available response resources, including incident management teams.</li> </ul>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Primary Agency	Functions
<p><b>Department of the Interior (DOI)</b></p>	<p><b>Office of Environmental Policy and Compliance</b></p> <p>DOI is the primary agency for the NCH component of ESF #11. Actions initiated under ESF #11 to protect, preserve, conserve, and rehabilitate NCH resources are guided by the existing internal policies and procedures of the agencies providing support for the incident. The organizations providing support for each incident coordinate with appropriate ESFs and agencies operating as described in other annexes, including the coordinating agency for the Worker Safety and Health Support Annex, to ensure appropriate use of volunteers and their health and safety and to ensure appropriate measures are in place to protect the health and safety of all workers. Each support agency is responsible for managing its respective assets and resources after receiving direction from the primary agency.</p> <ul style="list-style-type: none"> <li>• Provides scientific/technical advice, information, and other assistance to help prevent or minimize injury to and to reestablish or stabilize NCH resources. Areas of concern include terrestrial and aquatic ecosystems; biological resources, including fish and wildlife, threatened and endangered species, and migratory birds; historic and prehistoric resources; mapping and geospatial data; geology; hydrology, including real-time water flow data; earthquakes and other natural hazards; onshore and offshore minerals; energy; and coal mining.</li> <li>• Makes available the response resources of incident management teams in DOI bureaus, such as the National Park Service Museum Emergency Response Team, which has the capability to respond to events affecting all cultural resources and historic properties.</li> <li>• Provides technical assistance in contracting, contract management, procurement, and construction inspection, as these activities pertain to NCH resources. Provides NCH resources assessments and reestablishment (natural resources), preservation, protection, and stabilization.</li> <li>• Coordinates NCH resources identification and vulnerability assessments.</li> <li>• Facilitates development and application of protection measures and strategies.</li> <li>• Assists in emergency compliance with relevant Federal environmental laws, such as emergency permits/consultation for natural resources use or consumption, during emergency response activities.</li> <li>• Manages, monitors, and assists in or conducts response actions to minimize damage to NCH resources.</li> <li>• Shares best practices and assists in development of programmatic approaches to address and expedite NCH-related requirements for all Federal actions/initiatives taken to respond to or recover from an incident requiring a coordinated Federal response.</li> <li>• Provides assistance and expertise in addressing impacts to properties of traditional religious and cultural importance.</li> <li>• Provides up-to-date geospatial data related to impacted NCH resources and develops and provides standard operating procedures for collecting NCH digital data, conducting GIS analyses, and disseminating geospatial products related to NCH resources, such as maps.</li> <li>• Provides incident management teams to assist in NCH resource response actions.</li> </ul>

**Emergency Support Function #11 – Agriculture and Natural Resources Annex**

Primary Agency	Functions
DOI (continued)	<p><b>U.S. Geological Survey</b></p> <ul style="list-style-type: none"> <li>• Serves as the point of contact for wildlife disease emergencies, including zoonotic diseases outbreaks.</li> <li>• Assists in responding to disease events involving free ranging fish and wildlife populations, including infectious diseases, biohazard events, and toxicological diseases resulting from exposure to environmental contaminants by providing wildlife emergency response teams; geospatial assessment and mapping tools; assistance in the identification of new emerging and resurging zoonotic diseases; diagnostic laboratory support (up to and including biological safety Level 3 containment); assistance with the prevention, control, and eradication of any disease involving wildlife; and carcass disposal facilities, as appropriate.</li> </ul>

Support Agency	Functions
Department of Commerce (DOC)	<p><b>National Oceanic and Atmospheric Administration</b></p> <ul style="list-style-type: none"> <li>• Makes available an environmental data archive for determining baseline conditions.</li> <li>• Provides contaminant analysis expertise and facilities.</li> <li>• Provides aerial mapping and satellite remote sensing for damage assessment.</li> <li>• Provides detailed site-specific weather forecasts and forecasts of travel time for river contaminants.</li> <li>• Provides expertise and assistance on coral reefs and coral reef ecosystems.</li> <li>• Provides expertise and consultation on marine mammals, endangered species, and essential fish habitat issues.</li> <li>• Provides seafood inspection capabilities to assess safety, wholesomeness, proper labeling, and quality of fish and fishery products through process and product verifications, product evaluations and certifications, and laboratory analysis.</li> <li>• Implements the activities determined appropriate to reestablish fisheries and any other natural resources or prevent a failure in the future in accordance with the Magnuson-Stevens Act (Section 312, 16 U.S.C. 1801, et seq.).</li> <li>• Provides technical expertise pertaining to marine fisheries and marine wildlife.</li> </ul>

**Emergency Support Function #11 – Agriculture and Natural Resources Annex**

Support Agency	Functions
<p><b>Department of Defense (DOD)</b></p>	<ul style="list-style-type: none"> <li>• Assesses the availability of DOD food supplies and storage facilities capable of storing dry, chilled, and frozen food.</li> <li>• Assesses the availability of DOD transportation equipment, material handling equipment, and personnel for support.</li> <li>• Assesses the availability of laboratory and diagnostic support, subject matter expertise, and technical assistance that may be provided.</li> <li>• Assists during animal and agricultural emergency response, as appropriate. Provides resources, including senior Army Veterinary Corps Officers, to function as Defense Veterinary Liaison Officers and Defense Veterinary Support Officers (who serve as the onsite point of contact for DOD veterinary functions) and other military specialists trained in foreign animal disease diagnosis, epidemiology, microbiology, immunology, entomology, pathology, and public health.</li> <li>• Provides laboratory support to assist and augment the capabilities of Animal and Plant Health Inspection Service (APHIS).</li> </ul> <p><b>U.S. Army Corps of Engineers</b></p> <ul style="list-style-type: none"> <li>• Provides expertise and resources to assist in the removal and disposal of contaminated and non-contaminated debris to include debris affecting NCH resources and animal carcasses.</li> <li>• Provides emergency repair of damaged infrastructure and critical public facilities (e.g., temporary power, emergency water, sanitation systems). Supports the reestablishment of critical navigation, flood control, and other water infrastructure systems, including drinking water distribution and wastewater collection systems. Where appropriate, activities to reestablish infrastructure (e.g., debris removal, and temporary housing mission) are closely coordinated with ESF #11.</li> <li>• As ESF #3 primary agency, requests ESF #11 to provide technical support to help facilitate ESF #3 efforts to obtain necessary regulatory (cultural and environmental) clearances for infrastructure reestablishment activities; seeks technical assistance from the DHS/FEMA Disability Coordinator to ensure that accessibility standards for those with disabilities and others with access and functional needs are addressed during infrastructure reestablishment activities.</li> </ul>
<p><b>Department of Energy</b></p>	<p><b>National Nuclear Security Administration:</b> In the initial phase of a nuclear or radiological emergency, leads the multiagency Federal Radiological Monitoring and Assessment Center (FRMAC).</p>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Support Agency	Functions
<p><b>Department of Health and Human Services</b></p>	<ul style="list-style-type: none"> <li>• HHS National Veterinary Response Teams, veterinary officers of the Commissioned Corps of the United States Public Health Service, and other veterinary medical professionals within its divisions (such as the Centers for Disease Control and Prevention, Food and Drug Administration, and the National Institutes of Health) is the primary Federal resource for treatment of injured and ill or injured pets, service animals, working animals, laboratory animals, and livestock. Under its own statutory authority, HHS can manage and conduct animal response to zoonotic diseases in order to protect human health.</li> <li>• For livestock or poultry diseases exotic to the United States that are either not or only mildly zoonotic, HHS supports the USDA and its authority to manage a foreign animal disease response with the resources listed above.</li> </ul>
<p><b>Department of Homeland Security (DHS)</b></p>	<ul style="list-style-type: none"> <li>• Coordinates with the Infrastructure Liaison concerning all issues regarding the stabilization and reestablishment of the associated critical infrastructure sector supported by the ESF, including the allocation and prioritization of resources, demographic information about the disaster area, and private sources of food.</li> <li>• Provides support in interdicting adulterated products in transport and at ports of entry; subject matter expertise and technical assistance (e.g., Customs and Border Protection Agricultural Specialists); and air and transport services (e.g., the U.S. Coast Guard), as needed, for personnel and laboratory samples.</li> <li>• Maintains, through the Office of Infrastructure Protection Directorate, a database of critical infrastructure and key assets and maintains detailed information on selected sites derived from site visits and collection of vulnerability assessments.</li> </ul> <p><b>Federal Emergency Management Agency (FEMA)</b></p> <ul style="list-style-type: none"> <li>• Provides incident coordination and mission assignments, as appropriate.</li> <li>• Provides logistics support to obtain needed resources during incidents requiring Federal assistance to protect life and property and sustain life for Stafford Act incidents.</li> <li>• Coordinates the environmental and historic preservation compliance requirements for all response activities funded through the Stafford Act, including mission assignments. Advises the Federal Coordinating Officer on issues related to environmental and historic preservation compliance.</li> <li>• Provides policy advice and guidance on the laws, regulations, policies, procedures, and emergency permits requirements related to environmental and historic preservation compliance for response, recovery, and mitigation activities funded through the Stafford Act, including mission assignments.</li> <li>• Provides assistance on issues related to historic properties and cultural resources damaged by disasters.</li> <li>• Co-sponsors the Heritage Emergency National Task Force and uses it as a communication and information-sharing vehicle to support ESF #11 activities.</li> </ul>

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Support Agency	Functions
<b>Department of Labor</b>	<b>Occupational Safety and Health Administration:</b> Provides worker safety and health technical assistance during emergency animal health and NCH resources protection activities. This assistance may include site safety monitoring, worker exposure sampling and analysis, and respirator fit-testing.
<b>Department of State</b>	<ul style="list-style-type: none"> <li>Facilitates an integrated response between nations when animal and/or plant disease outbreaks represent transborder threats.</li> <li>Facilitates sharing of technical information and development of agreements between the United States and foreign nations to preserve and protect natural and cultural resources and historic properties.</li> </ul>
<b>Environmental Protection Agency</b>	<ul style="list-style-type: none"> <li>Provides technical assistance, subject matter expertise, and support for biological, chemical, and other hazardous agents on contaminated facility remediation, environmental monitoring, and contaminated agriculture (animal/crops) and food product decontamination and disposal.</li> <li>Provides surge capacity for laboratory and diagnostic support.</li> <li>Works with USDA, HHS, and the private sector to identify suitable and available antimicrobial and other pesticides to be used to treat and decontaminate crops, environmental surfaces, and water. Approves the use of these pesticides.</li> <li>In the event of a nuclear or radiological emergency, supports the FRMAC during the initial phase of the emergency and leads the FRMAC for the later phases. Also provides protective action assistance through the Advisory Team for the Environment, Food, and Health.</li> <li>Provides investigative support and intelligence analysis for incidents involving oil or hazardous materials pursuant to existing Environmental Protection Agency (EPA) statutory authorities.</li> <li>Provides technical assistance in determining when water is suitable for human consumption.</li> </ul>
<b>General Services Administration</b>	Provides resource support for ESF #11 requirements as requested to meet the needs of the affected population(s) and area(s).
<b>American Red Cross</b>	<ul style="list-style-type: none"> <li>Identifies and assesses requirements for food and distribution services on a two-phase basis: 1) critical emergency needs immediately after the disaster and 2) longer-term sustained needs after the emergency phase has ended.</li> <li>Coordinates with other voluntary organizations in the distribution of food.</li> <li>Coordinates with organizations providing emergency animal sheltering to facilitate the ability of people to help care for their own animals at collocated sheltering sites.</li> <li>Provides feeding and other mass care support to animal and agriculture responders, when requested.</li> </ul>
<b>Department of Justice; Department of Transportation; U.S. Postal Service; Department of Homeland Security</b>	In the event of a plant or animal disease, these entities can help enforce a quarantine if so authorized or deputized by the Attorney General.

## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Support Agency	Functions
<b>National Archives and Records Administration</b>	<ul style="list-style-type: none"> <li>• Provides preservation, scientific/technical, and records and archival management advice and information to help secure and prevent or minimize loss of NCH resources pertaining to documentary and archival records and historic documents.</li> <li>• Provides preservation, scientific/technical, and records and archival management advice and information for stabilization, security, logistics, and contracting for the reestablishment of services for damaged NCH resources pertaining to documentary and archival records and historic documents.</li> </ul>
<b>Advisory Council on Historic Preservation</b>	<ul style="list-style-type: none"> <li>• Provides assistance to the full range of involved Federal agencies in emergency compliance procedures pursuant to Section 106 of the National Historic Preservation Act (NHPA) during immediate emergency response activities affecting historic resources.</li> <li>• Coordinates with the Heritage Emergency National Task Force and local, state, tribal, territorial, insular area, Federal, and private-sector entities to identify priority disaster-specific policy initiatives—such as emergency appropriations, programmatic agreements, or program alternatives—to address specific disaster conditions.</li> <li>• Provides technical advice and guidance on procedures and protocols for preservation of historic resources and identifies and carries out procedures to communicate such technical guidance for use by stakeholders and participants in consultation pursuant to Section 106 of NHPA.</li> </ul>
<b>Heritage Emergency National Task Force</b>	<p>The Task Force is a voluntary partnership of 42 national service organizations and Federal agencies created to protect cultural heritage from the damaging effects of natural disasters and other emergencies. Co-sponsored by Heritage Preservation and DHS/FEMA, it:</p> <ul style="list-style-type: none"> <li>• Helps cultural institutions and sites obtain needed resources during disasters by facilitating the identification of organizations, agencies, and individuals that can provide such resources.</li> <li>• Coordinates with the Advisory Council on Historic Preservation and local, state, tribal, territorial, insular area, Federal, and private-sector entities to identify priority disaster-specific policy initiatives, such as emergency appropriations, programmatic agreements, or program alternatives to address specific disaster conditions.</li> <li>• Provides support to cultural institutions by facilitating the identification of subject matter experts in NCH resources.</li> <li>• Assists the public in recovering treasured heirlooms damaged by disasters by directing the public to online information and organizations that can provide advice and assistance.</li> </ul>
<b>National Alliance of State Animal and Agriculture Emergency Programs (NASAAEP)</b>	<p>NASAAEP brings together all of the agencies within a state that have authority for animal emergency management as well as the animal resources within the state that make up their response capability. It:</p> <ul style="list-style-type: none"> <li>• Supports DHS/FEMA in facilitating state-to-state information and resource sharing.</li> <li>• Supports whole community multi-agency coordination with governmental organizations and NGOs engaged in or coordinating animal response activities.</li> <li>• Provides technical assistance and subject matter expertise regarding animal response issues.</li> </ul>



## Emergency Support Function #11 – Agriculture and Natural Resources Annex

Support Agency	Functions
<b>National Animal Rescue and Sheltering Coalition (NARSC)</b>	<p>NARSC is a coalition of the leading national private sector and NGOs that have agreed to use the Incident Command System, train together, and share resources to provide surge capability, as needed, to augment local and state jurisdictions' animal response activities.</p> <ul style="list-style-type: none"> <li>• Supports DHS/FEMA in coordinating an integrated whole community response to meet the disaster response needs of animals, including household pets and service animals, and their owners.</li> <li>• Supports multi-agency coordination with governmental organizations and NGOs engaged in or coordinating animal response activities.</li> <li>• Provides technical assistance and subject matter expertise regarding animal response issues.</li> </ul>
<b>National Association of State Directors of Agriculture (NASDA)</b>	<p>NASDA provides coordination assistance for states' response needs related to the agricultural industry.</p>
<b>National Assembly of State Animal Health Officers (NASAHO)</b>	<p>NASAHO members have a key role in programs crucial during disasters for the states' ability to respond to emergencies.</p>
<b>Extension Disaster Education Network (EDEN)</b>	<p>EDEN is a collaborative multi-state effort that links Extension professionals from across the country in various disciplines to provide information to citizens before, during, and after disasters. Interdisciplinary and multi-state research and education programs address disaster mitigation, preparation, response, and recovery.</p> <ul style="list-style-type: none"> <li>• Supports multi-agency coordination with governmental organizations and NGOs engaged in or coordinating animal, agriculture, and NCH response activities.</li> <li>• Provides technical assistance and subject matter expertise regarding ESF#11 response issues.</li> </ul>

This page intentionally left blank.