

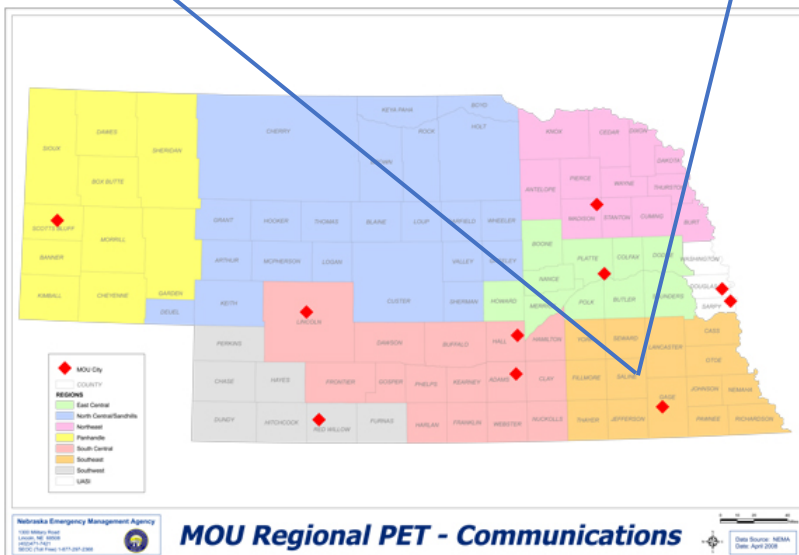
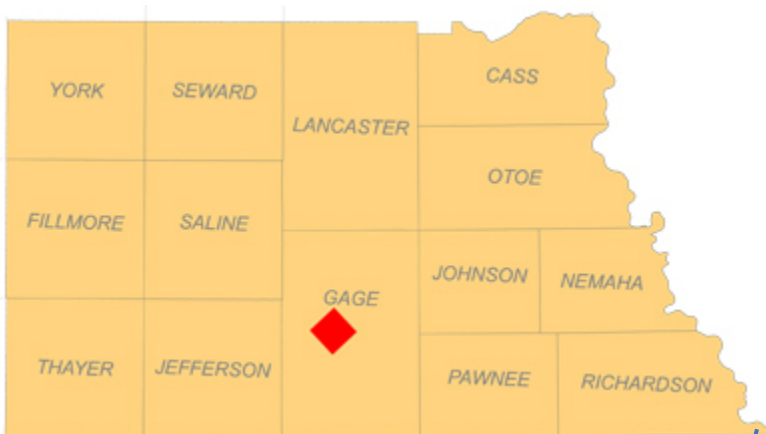
2016



Southeast Nebraska Threat and Hazard Identification and Risk Assessment (THIRA)

Southeast Board

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Southeast Nebraska Threat and Hazard Identification and Risk Assessment (THIRA)

PROCESS

The 14 counties in Southeast Nebraska have used the Threat and Hazard Identification and Risk Assessment (THIRA) process to determine threats and hazards most pertinent to the region and identify capability targets and resources to meet those targets. The Southeast Region uses the standard THIRA process to identify threats and hazards of concern, provide context to those threats, establish capability targets, and estimate resources requirements necessary to meet those targets.



The Southeast THIRA process uses a whole community approach, involving communities throughout the region. This approach recognizes the responsibility of all individuals living in communities to participate in prevention, protection, mitigation, response and recovery associated with natural and human-caused disasters in the region. Stakeholders include:

- First Responders
- Businesses
- Nonprofit Groups
- All Levels of Government
- Volunteers
- Faith/Community Groups
- Schools, Medical, Etc.

Lancaster County held an in-person THIRA event to augment previous capability targets explored at community events in the western part of the Region (York, Seward, Fillmore, Saline, Thayer, & Jefferson Counties), Gage County, and the eastern part of the Region (Johnson, Nemaha, Pawnee and Richardson. Plans are currently being made to hold an event in 2017 in Cass County. The primary activity for 2016 was to choose a single Regional target for each capability and begin identifying resource requirements for each one.

Threats & Hazards and Context

Previous THIRA processes in the Southeast Region addressed scenarios related to tornado, ice storm, active shooter, and nuclear plant incident. The Lincoln Lancaster County THIRA process used scenarios related to flood, tornado and a hazardous materials incident via train derailment. Specific scenarios are not included in this report.

Capability Targets and Resource Requirements

The Southeast Region Board met September 19-20, 2016 and updated the selection of capability targets appropriate for the Region after considering the results of the Lincoln Lancaster County THIRA process. Preliminary resource requirements were discussed and capabilities prioritized for action.

Access Control and Identity Verification

Description: Apply and support necessary physical, technological, and cyber measures to control admittance to critical locations and systems.

Capability Target:

Set up resident and volunteer access control and identification operations at one location within 12 hours of the event

Required Resources:

-Rapid Tag System -Mobile Apps -Salamander COMMAND -Planning and Training of 15 people for each Rapid Tag System -One person to troubleshoot technical problems with mobile app -Need physical tags and battle book

Community Resilience

Description: Enable the recognition, understanding, communication of, and planning for risk and empower individuals and communities to make informed risk management decisions necessary to adapt to, withstand, and quickly recover from future incidents.

Capability Target:

Reduce vulnerability by providing education and training to general public to be prepared for a disaster. Ensure community needs are met following a disaster through a coordinated effort between volunteer organizations, community leaders, and responders, or other identified entities. Provide one education and/or training activity in each county per year

Required Resources:

-Volunteer Partners funded to carry out activities -Handouts and Educational Materials

Critical Transportation

Description: Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.

Capability Target:

Within two hours of incident begin restriction of non-essential traffic; establish safe routes within impacted area to provide access for emergency response and utility management.

Required Resources:

-Law Enforcement, Public Works and Fire & Rescue trained and ready to restrict/re-route traffic - Barricades -Pre-Planned Message Maps for public information about obeying safety routes - Notification Systems in place throughout the Region -Training and Exercises showing movement towards the 2 hour goal

Cybersecurity

Description: Protect (and if needed, restore) electronic communications systems, information, and services from damage, unauthorized use, and exploitation.

Capability Target:

Maintain/restore continuity of operations in IT infrastructure and telecommunications for critical response operations within 4-8 hours.

Required Resources:

-Have an established IT program in each county -Identify resources that can assist w/ IT infrastructure and telecommunications for critical response ops -Address cybersecurity in coop plans

Economic Recovery

Description: Return economic and business activities (including food and agriculture) to a healthy state and develop new business and employment opportunities that result in an economically viable community.

Capability Target:

Within 48 hours begin the return of economic and business activities to normalcy. Establish assistance centers for education and awareness of the reimbursement system after a major event. Assist businesses throughout the community to transition to recovery after a major event.

Required Resources:

-Local community foundations prepared to receive monetary donations for long term needs of community -Donation management planning and exercising -Resource identification for economic and business activities -Local outreach to Chamber of Commerce and local business groups to encourage continuity planning -Cost Recovery Training/Workshop in the Region

Environmental Response/Health and Safety

Description: Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities.

Capability Target:

Establish a medical presence on-scene to manage health concerns for the community/responders within 3 hrs of the event. Activate debris removal plans within 12 hrs to reduce environmental impact.

Required Resources:

-Debris Management Plans -Medical Teams need training on HazMat issues (Response/Identification /Treatment) -Identification of Regional medical personnel trained to treat HazMat related injuries – Link Regional LEPCs with the SE NE Healthcare Coalition to encourage HazMat training for medical personnel -Identify HazMat training that is appropriate for pre-hospital personnel (EMS)

Fatality Management Services

Description: Provide fatality management services, including decedent remains recovery and victim identification, working with local, state, tribal, territorial, insular area, and Federal authorities to provide mortuary processes, temporary storage or permanent internment solutions, sharing information with mass care services for the purpose of reunifying family members and caregivers with missing persons/remains, and providing counseling to the bereaved.

Capability Target:

Disaster mortuary services are set up within eight hours of the event including the ability to hold, identify and process up to 75 bodies.

Required Resources:

-DMORT Team -Body transportation and storage -Up-to-date mass fatality plans -MOU for cold-storage trailer in place for Region use -Volunteer support -Survivor Support -Mental Health team (Type III) -Local Morticians trained in mass fatality issues -Clarification of roles and responsibilities between DHHS mass fatality plans and local plans -Local Health Department plans and personnel trained in mass fatality issues -Training and Exercise of this capability (Tabletop Ex)

Fire Management and Suppression

Description: Provide structural, wildland, and specialized firefighting capabilities to manage and suppress fires of all types, kinds, and complexities while protecting the lives, property, and the environment in the affected area.

Capability Target:

Sustain life-saving and firefighting operations in response to a fire for 24 hours.

Required Resources:

-Review MOUs and Mutual aid agreements to ensure regional resources are appropriately linked - Recruit and train additional fire personnel to sustain operations -Identify needed equipment, supplies -Establish an accountability system (Salamander)

Forensics and Attribution

Description: Conduct forensic analysis and attribute terrorist acts (including the means and methods of terrorism) to their source, to include forensic analysis as well as attribution for an attack and for the preparation for an attack in an effort to prevent initial or follow-on acts and/or swiftly develop counter-options.

Capability Target:

Integrated personnel and systems in law enforcement and first response to collect and preserve 100% of the evidence within 4-6 hours after the scene is secured.

Required Resources:

-Trained Crime Scene Techs -Trained First Responders -Barricades -PIOs (message maps)

Health and Social Services

Description: Restore and improve health and social services capabilities and networks to promote the resilience, independence, health (including behavioral health), and well-being of the whole community.

Capability Target:

100% of Patients and victims are effectively tracked and transported to appropriate service sites.

Required Resources:

-Mobile Apps (triage tags) -Education to the healthcare system on how to use mobile apps/triage tags
-Rapid tag system -Hospital and Pre-Hospital are trained and exercised -SENHCC establish congruent plans among its members

Housing

Description: Implement housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience.

Capability Target:

Provide permanent housing for 2000 households within 18 months of the event; Provide short term housing for 1000 volunteers, contractors and responders.

Required Resources:

-Economic and Zoning Commissions -Community Foundations -Realtors, landlords, etc. -1000 Tents and/ or Trailers -Long-term recovery committees in each affected community -Hotel and Motel Inventory for the Region -Short and long-term housing plans

Infrastructure Systems

Description: Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.

Capability Target:

Begin restoring functional utilities within 5 hours of the event to critical infrastructure. Restore electric power to affected area. Electricity and internet access restored to banks and critical businesses within 24 hours of the event end.

Required Resources:

-Utility providers -Critical businesses identified throughout Region -PIO (Message Maps) -Utilities integrated into Salamander

Intelligence and Information Sharing

Description: Provide timely, accurate, and actionable information resulting from the planning, direction, collection, exploitation, processing, analysis, production, dissemination, evaluation, and feedback of available information concerning physical and cyber threats to the United States, its people, property, or interests; the development, proliferation, or use of WMDs; or any other matter bearing on U.S. national or homeland security by local, state, tribal, territorial, Federal, and other stakeholders.

Capability Target:

Immediate response and necessary security posturing through integrated communication with all responders and the public by sharing all necessary, current and verified information on the degree of the threat, anticipated threats or hazards, and cascading effects, through forensic investigation, situational assessment, and information sharing.

Required Resources:

-Law enforcement hooked into NIAC/Fusion Center -EMs involvement in the Watch Center

Interdiction and Disruption

Description: Delay, divert, intercept, halt, apprehend, or secure threats and/or hazards.

Capability Target:

Intercept communications, monitor information and obtain all necessary intelligence to prevent and disrupt malicious intent for all threats to the homeland with the support of necessary partners and agencies.

Required Resources:

-Law Enforcement and Fusion Center formally linked

Logistics and Supply Chain Management

Description: Deliver essential commodities, equipment, and services in support of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains.

Capability Target:

Update points of distribution in conjunction with Public Health annually.

Required Resources:

-Public Health plans with POD locations identified -Exercise Pods in conjunction w/ Public Health every 5 years -Review distribution plans

Long-Term Vulnerability Reduction

Description: Build and sustain resilient systems, communities, and critical infrastructure and key resources lifelines so as to reduce their vulnerability to natural, technological, and human-caused threats and hazards by lessening the likelihood, severity, and duration of the adverse consequences.

Capability Target:

Identify and address physical vulnerabilities of critical infrastructure; Decentralize location of critical response resources; Review and provide recommendations to update building codes every 5 years to reduce risks and vulnerabilities.

Required Resources:

-Access to building codes -Qualified personnel to review building codes -Housing professionals - Planning and zoning professionals

Mass Care Services

Description: Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies.

Capability Target:

Set up and staff short term shelters for 200 people and feeding sites for 500 people within 24 hours of the event. Set up and staff long term shelter for 75 people; provide respite and food for up to 100 response personnel for up to four weeks.

Required Resources:

-Update shelter locations annually -4 Shelter teams –VOAD has up to date resource listing -COAD - Adequate number of feeding teams -respite locations (supplies, needs, etc.) -Security and staff trained for respite locations

Mass Search and Rescue Operations

Description: Deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need, with the goal of saving the greatest number of endangered lives in the shortest time possible.

Capability Target:

Assemble teams for primary and secondary SAR within 3 hrs, get flyover photos to assess same day. Isolate and contain impacted area. Locate and evacuate all victims from the impacted area.

Required Resources:

-Planning and training on SAR -USAR team (Possible resource for local training) -MOUs for SAR in place -Maps for SAR

Natural and Cultural Resources

Description: Protect natural and cultural resources and historic properties through appropriate planning, mitigation, response, and recovery actions to preserve, conserve, rehabilitate, and restore them consistent with post-disaster community priorities and best practices and in compliance with applicable environmental and historic preservation laws and executive orders.

Capability Target:

Working with local identified entities after the event to identify, prioritize, and secure natural, cultural, and historical resources; that likely will require recovery, conservation, rehabilitation, and restoration.

Required Resources:

-Historical societies -SME identification of these resources

On-Scene Security, Protection, and Law Enforcement

Description: Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations.

Capability Target:

Begin staging personnel/equipment (barricades) in place to secure perimeter around impacted area and have systems in place to identify who has access (credentialing) within 6 hours of the event. Have the ability to be able to move from just securing the perimeter to being able to maintain the integrity of a potential crime scene.

Required Resources:

-Barricades -Salamander -Law enforcement and fire departments trained to secure area -National Guard Security Forces -Public Info Dissemination plan -DOR-Local -Law enforcement mutual aid review

Operational Communications

Description: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

Capability Target:

Establish interoperable operational communications and establish communication channels for the emergency response community within one hour.

Required Resources:

-Exercise capabilities -ID NRIN build out equipment requirements -Generators and equipment housing (fencing, etc.) -Replacement equipment -Regional Radio Cache -Plan for sustainability for capabilities

Operational Coordination

Description: Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.

Capability Target:

Immediately execute activation plans to establish unified command and identify potential alternative EOCs.

Required Resources:

-Training and exercising of unified command -Coordinate efforts with NEMA to establish and be part of a statewide Type III IMT

Physical Protective Measures

Description: Implement and maintain risk-informed countermeasures, and policies protecting people, borders, structures, materials, products, and systems associated with key operational activities and critical infrastructure sectors.

Capability Target:

Within one hour of the incident occurring, start securing and accounting for all critical government infrastructures

Required Resources:

-COG and COOP Plans are up to date -Sustainability for those plans is identified and assigned

Planning

Description: Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives.

Capability Targets:

Implement a regional tactical interoperable communications plan reflecting annual local plan updates.

Required Resources:

-Approved TICPs -Exercise regional TICP

Public Health, Healthcare, and Emergency Medical Services

Description: Provide lifesaving medical treatment via Emergency Medical Services and related operations and avoid additional disease and injury by providing targeted public health, medical, and behavioral health support, and products to all affected populations.

Capability Targets:

EMS is prepared to track and transport 100 patients to area hospitals within four hours of an event; Triage sites set up within 30 minutes of an event. Medical facilities are prepared to treat up to 100 individuals

Required Resources:

-Review mutual aid agreements -Salamander training on patient tracking -Transportation services - Up to date mass casualty plans -private sector partners for transport -Trained personnel -triage tags and trailers -Bi-annual inventory review of triage trailers

Public Information and Warning

Description: Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

Capability Targets:

Place radio activated sirens in each community/rec area within the region. Issue warnings with safety information via early alert/warning systems within 10 minutes of command decision to issue alerts. Ensure sirens are operational

Required Resources:

-Radio activated sirens (apx 150) -Radio connectivity -testing and activation policies -dispatch training on policies -IPAWS access for all regional counties -IPAWS policy for each jurisdiction - training and exercising IPAWS in each jurisdiction

Risk and Disaster Resilience Assessment

Description: Assess risk and disaster resilience so that decision makers, responders, and community members can take informed action to reduce their entity's risk and increase their resilience.

Capability Target:

Responders are able to identify hazardous material transported through the Region within 15 minutes of a spill.

Required Resources:

-ERG (Emergency response guides) are in all responder vehicles -Dispatchers have ERG and asks about spill contents; have emergency contacts for pipelines, rail, etc. -Emergency personnel signed up for AskRail and ERG apps -Hazmat awareness training (online) - dispatch, EMTs, responders

Risk Management for Protection Programs and Activities

Description: Identify, assess, and prioritize risks to inform Protection activities, countermeasures, and investments.

Capability Target:

Ensure 100% of CIKR partners in the Region are enrolled in early alert systems

Required Resources:

-Access to early alert systems in all counties -Enroll CIKR partners in HISN system through Fusion Center -Enroll CIKR partners in weather alert warning systems

Screening, Search, And Detection

Description: Identify, discover, or locate threats and/or hazards through active and passive surveillance and search procedures. This may include the use of systematic examinations and assessments, biosurveillance, sensor technologies, or physical

Capability Target:

Within first 12-24 hrs, have all potential (hazmat) hazards identified in impacted area.

Required Resources:

-SMEs available to help with ID of hazards (resource directory of SMEs) -Public information needs (prepare message maps on how to deal with hazardous or unknown materials if encountered after a disaster)

Situational Assessment

Description: Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response

Capability Target:

Identified threats, vulnerabilities, and safety information provided to all key stakeholders and responders through pre-designated lines of integrated communication in real-time.

Required Resources:

-Identify stakeholders who should receive situational assessments -identify and test pre-designated lines of communication

Supply Chain Integrity and Security

Description: Strengthen the security and resilience of the supply chain.

Capability Target:

Within two hours, begin to establish, secure, and strengthen supply transportation routes and methods to provide effective transit and distribution of goods, supplies, and commodities.

Required Resources:

-Test in conjunction with public health and points of distribution -Ensure primary routes to PODs are pre-identified

Threats and Hazards Identification

Description: Identify the threats and hazards that occur in the geographic area; determine the frequency and magnitude; and incorporate this into analysis and planning processes so as to clearly understand the needs of a community or entity.

Capability Target:

Identify hazardous materials locations in the disaster area within one hour of the event; Pre-Identify primary and back up locations for government entities

Required Resources:

-Access to DEQ website with Tier 2 information -review and update local Tier 2 facility locations, contact points -COOP-COG plans should include back up locations -Strengthen LEPCs

Southeast Region Prioritized Capabilities

The Southeast Region Board used a consensual process to categorize capability targets as low, low-medium, medium, medium-high or high. The rating referenced Region-wide priority for development or need. Each capability was considered independent of the others. Discrepancies in rating perception were resolved via discussion prior to final assignment of priority.

High Priority Capabilities

Access Control &; Identity Verification
Operational Communications
Operational Coordination
Public Information & Warning

Low Priority Capabilities

Critical Transportation
Forensics & Attribution
Intelligence & Information Sharing
Interdiction & Disruption

Medium-high Priority Capabilities

Cybersecurity
Environmental Response/Health &
Safety
Health & Social Services
Mass Care Services
Mass Search & Rescue Operations
Public Health &; Medical Services
Situational Assessment
Threat & Hazard Identification

Medium Priority Capabilities

Community Resilience
Economic Recovery
Housing
Infrastructure Systems
Long-term Vulnerability Reduction
On-Scene Security & Protection
Physical Protective Measures
Risk & Disaster Resilience Assessment
Screening, Search, and Detection

Low-medium Priority Capabilities

Planning
Fatality Management Services
Natural & Cultural Resources
Public and Private Services and
Resources
Risk Management for Protection
Programs & Activities
Supply Chain Integrity & Security
Fire Suppression & Management