THIRA 2017 Report - Executive Summary

Morongo Band of Mission Indians

THREAT AND HAZARD IDENTIFICATION AND RISK ASSESSMENT

EXECUTIVE SUMMARY

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THIRA Process

Every community should understand the risks it faces. By understanding its risks, a community can make smart decisions about how to manage risk, including developing needed capabilities. Risk is the potential for an unwanted outcome resulting from an incident, event, or occurrence, as determined by its likelihood and the associated consequences. By considering changes to these elements, a community can understand how to best manage and plan for its greatest risks across the full range of the threats and hazards it faces. The THIRA process helps communities identify capability targets and resource requirements necessary to address anticipated and unanticipated risks.

The THIRA follows a four-step process, as described in *Comprehensive Preparedness Guide (CPG) 201, Second Edition*:

1. **Identify the Threats and Hazards of Concern.** Based on a combination of experience, forecasting, subject matter expertise, and other available resources, identify a list of the threats and hazards of primary concern to the community.

2. **Give the Threats and Hazards Context.** Describe the threats and hazards of concern, showing how they may affect the community.

3. **Establish Capability Targets.** Assess each threat and hazard in context to develop a specific capability target for each core capability identified in the National Preparedness Goal. The capability target defines success for the capability. (Note that the URT breaks THIRA Step 3 into two sub-steps in which you develop impact and outcome statements in the first step and establish capability targets in the second step).

4. **Apply the Results.** For each core capability, estimate the resources required to achieve the capability targets through the use of community assets, while also considering preparedness activities.

Threats/Hazards in Context

Name	Context Description
Earthquake	Description 1: During mid September at the beginning of fire season. A magnitude 7.8 earthquake on the southern section of the San Andreas Fault causing the Morongo Indian Reservation to shake intensely for 105 seconds and ground shift from 18' to 32' along the fault lines crossing the reservation. The Los Angeles Basin will feel less intense shaking but the majority of the population of the area (16 Million) will experience the affects of a regional catastrophic earthquake. Shaking from the event causes four fires in the residential area of the reservation (part of the estimated 1,800 fires in the region). Description 2: A magnitude 5 earthquake on the Banning Fault Complex causes localized shaking for 30 seconds occurring during the early morning of Black Friday, which causes damage to local infrastructure and creates power outages throughout the pass area.
Flash Floods	Description 1: During an August monsoonal event, the Reservation and surrounding area deluged with rain measured up to 3" per hour in some areas. The rain event has potential to cause local flash flooding in the residential and enterprise areas of the reservation.
Drought	Description 1: Widespread drought in the nation has increased prices of produce locally. Description 2: Localized drought over a two-year period has affected tribal member agricultural activities and changed the natural water flow and recharge of the water basin.
Pandemic	Description 1: A widespread pandemic influenza during November is reported in Southern California. Several local school districts have implemented closure recommendations from public health authorities. The school closures are estimated to last 3-weeks to stem the spread of the virus. Workplace absenteeism has increased and some tribal departments are reporting as many as half of the workforce out sick.
San Onofre Nuclear Generation Station	Description 1: During the monsoon season an incident at SONGS in Oceanside has created widespread panic in the greater Los Angeles and San Diego areas leading to massive self-evacuation of the population centers.
Hazardous Materials Incident	Description 1: One of the 30" petroleum pipelines crossing the Morongo Indian Reservation burst to the west of the Waste Water Treatment Plant in the middle of an El Niño season. The pipeline created a spill of over 100,000 gallons of fuel oil.
I-10 Transportation Gridlock	Description 1: On a Sunday Morning during spring, a high point in travel to and from the desert for recreation vehicles from Los Angeles, a CalTrans project stopped traffic at the Morongo Road exit for 8 hours. Description 2: As a cascading event from an earthquake that occurred during the early morning of Black Friday, a bridge crossing at the Cabazon Main Street exit in Cabazon has led to full freeway

Name	Context Description
	closure in both directions.
Wild Land Fire	Description 1: During September, a wild land fire event in Southern California has some of the Tribe's fire resources assigned in San Diego. At the same time a wild land fire starts just east of the dinosaurs at the Cabazon Main Street exit.

THIRA Capability Targets

Core Capability	Capability Target
Planning	1. Execute Morongo Emergency Operations Plan and its annexes within 2 hours of a catastrophic incident to support incident command(s) on the Morongo Indian Reservation or where the Tribe is the agency having jurisdiction (AHJ). 2. Work towards establishing inter-Tribal mutual aid response and recovery plans and support all-hazard incident management assistance to other Tribes and jurisdictional Governments. 3. Maintain plans in accordance with FEMA's Community Planning Guidance in a whole community approach. 4. Maintain and/or work toward National Incident Management System (NIMS) compliance, Emergency Management Accreditation Program (EMAP) accreditation, and the National Fire Protection Association's, NFPA-1600, Standard on Disaster/Emergency Management and Business Continuity Programs.
Public Information and Warning	-Provide needed information in a timely manner to the Tribe, residents, and visitors to the Morongo Indian Reservation. 1. within 2 hours of activating the Emergency Operations Center and/or supporting ESF(s), have the qualified personnel and information system in place to inform the Tribe and people on the reservation. 2. Within four (4) hours of a request from a supported government or agency issue coordinated messages for the area and travelers (e.g. I-10 traffic issues).
Operational Coordination	Cooperative all-sector coordination (government, non-government, private, and kith and kin) 1. Maintain inter-sector coordination for all mission areas with emphasis on whole community integration as appropriate.

Core Capability	Capability Target
	2. Emphasize authority having jurisdiction and Morongo's inherent Tribal sovereign right to self-governance and maintaining a nation-to-nation relationship with the United States.
Forensics and Attribution	-Assist in anti-terrorism efforts 1. Prioritize recording of and preservation of potential evidence as related to acts of terrorism and assist federal and other law enforcement agencies as appropriate.
Intelligence and Information Sharing	-Sharing of information and data with appropriate partners 1. Establish and maintain a system to share relevant information with the Tribe's contract law enforcement agency and other law enforcement agencies. 2. Work with private infrastructure stakeholders (e.g. California Aqueduct) and promptly share relevant and appropriate information.
Interdiction and Disruption	-Assist in interdiction and disruption 1. When there is support requested within 2 hours of a notified incident, be able to provide direct support to interdiction and disruption efforts.
Screening, Search, and Detection	-Assist in Screening, Search, and Detection Efforts 1. Upon request, by appropriate authority having jurisdiction, assist in providing resources for screening, search, and detection.
Access Control and Identity Verification	-Protect Tribe's property and resources 1. Establish and maintain control measures for access to the Morongo Indian Reservation and critical infrastructure and key resources. 2. Provide protection to the Tribe's cultural and historical resources.
Cybersecurity	Detect malicious activity directed at Morongo's cyber assets and electronic data 1. Detect 100% of malicious activity and protect the Tribe's vital cyber resources. 2. Be able to restore the Tribe's cyber infrastructure and records within 24 hours of a malicious or inadvertent compromise.

Core Capability	Capability Target
Physical Protective Measures	-Protection of the Tribe, the Tribal Community, the Tribe's resources, and the Morongo Indian Reservation 1. Protect all critical infrastructure and facilities to ensure continuity of Tribal Government and operations against potential, identified, and unknown threats and risks.
Risk Management for Protection Programs and Activities	-Risk Management of the Tribes critical resources and key facilities 1. Establish and maintain risk management capabilities and assessment on all of the Tribe's key facilities (both hardened and soft targets).
Supply Chain Integrity and Security	-Provide support to supply chains 1. Provide assistance in supply chain security within two-hours of a validated request from a potential partner.
Community Resilience	-Whole community planning 1. Implement and maintain a whole community planning process for all phases of emergency management and all mission areas.
Long-term Vulnerability Reduction	-Measurable decreases in long-term vulnerability 1. Decrease long-term vulnerability of critical infrastructure and facilities.
Risk and Disaster Resilience Assessment	-Risk assessment and risk management of critical infrastructure 1. Continuously identify, analyze, and maintain facility risk assessments for critical infrastructure.
Threats and Hazards Identification	-Threat and Hazard Identification and Risk Assessment through a whole community process 1. Establish and maintain a Tribal Hazard Mitigation Plan 2. Establish and maintain the Morongo THIRA
Critical Transportation	-Provide for and assist in continued operations of the transportation routes

Core Capability	Capability Target
	1. Within 72 hours of an incident have 100% access to and on Morongo Indian Reservation Roads. 2. Within 7 days of a catastrophic disaster have temporary travel and transit through the I-10 corridor.
Environmental Response/Health and Safety	-Conduct health and safety assessments and design appropriate response and recovery 1. During the first 96 hours of an incident conduct health and safety assessments through windshield surveys and specific site visits. 2. Coordinate the deployment of sanitation efforts within 48 hours of an incident.
Fatality Management Services	-Conduct fatality operations 1. During the first 72 hours of an incident conduct all fatality recovery efforts on the Morongo Reservation. 2. During the first week support all Tribal cultural needs related to fatality management.
Fire Management and Suppression	
Infrastructure Systems	-Water, utilities, and transportation 1. Within 10 days have all arterial resorted to a derivable condition. 2. Within 15 days have all local roads restored to a derivable condition. 3. Within 30 days have all utilities restored (e.g. phones, electricity, natural gas) 4. Within 5 days have all water and waste water infrastructure restored.
Logistics and Supply Chain Management	-Provide support to supply chains 1. Within two-hours of a validated request from a potential partner provide assistance in supply chain security.
Mass Care Services	-Move and deliver resources for care and shelter operations 1. Within 48 hours of a disaster move and deliver for operations tribal resources to support shelter operations.

Core Capability	Capability Target
	2. Within 24 hours have operable shelter operations at two sites for 50 people each. 3. Within 96 hours have water operations established.
Mass Search and Rescue Operations	-Conduct search and rescue operations 1. During the first 48 hours of an incident coordinate appropriate assistance for mass search and rescue operations. 2. Within 96 hours of an incident complete 90% of all mass search and rescue operations.
On-scene Security, Protection, and Law Enforcement	-Establish safe and secure operational area 1. During the first 24 hours of an incident secure all threatened tribal resources. 2. Within 48 hours have established on-scene security and protection as required by the incident.
Operational Communications	1. Within 24 hours have established the capacity to communicate between response entities 2. Within 48 hours have established messaging process to ensure first responder communications work 3. Within 96 hours, have restored any repeaters and disaster network assets
Public Health, Healthcare, and Emergency Medical Services	-Triage and definitive care 1. Within 72 hours conduct 100% triage focused on casualty stabilization and simple treatment. 2. Within 96 hours, have all casualties requiring definitive care receiving such care.
Situational Assessment	-Information delivery and data management 1. During the first 72 hours of an incident deliver all information required to federal partners for priority determination. 2. Within 72 hours have completed initial damage assessment of the Morongo Indian Reservation.

Core Capability	Capability Target
Economic Recovery	-Tribal businesses and enterprise recovery 1. Within 10 days of a catastrophe have an economic recovery plan drafted. 2. Within 30 days of a catastrophic incident, support the opening and operations of 100% of Morongo's business enterprises.
Health and Social Services	-Restoration of health and social services 1. Within 10 days of a disaster restore temporary and pharmacy services. 2. Within 30 days restore social services and Indian Health Clinic services.
Housing	-Temporary and permanent housing 1. Within 10 days develop a temporary housing plan to support 12 single family residences. 2. Within 60 days have a completed permanent housing plan to support 5 single family residences.
Natural and Cultural Resources	-Debris management 1. Within 10 days have a debris management plan completed for the Morongo Indian Reservation. 2. Within 5 days have a cultural and historic recovery plan in place.