



Threat & Hazard Identification & Risk Assessment (THIRA)

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SANTA BARBARA COUNTY OPERATIONAL AREA HOMELAND SECURITY APPROVAL AUTHORITY



Approval Authority Body - Operational Areas must appoint an Anti-Terrorism Approval Body (Approval Authority) to have final approval of the OA's application for SHSP funds. The Approval Authority shall consist of the following representatives:

- County Public Health Officer - **Dr. Wada**
- County Fire Chief or Chief of Fire Authority – **Chief Peterson**
- Municipal Fire Chief (selected by the Operational Area Fire Chiefs) – **Chief Mingee**
- County Sheriff – **Sheriff Brown**
- Chief of Police (selected by the Operational Area Police Chiefs) – **Chief Walsh**



FY14 ALLOCATIONS

5/08/14 – Working Group Meeting – Projects Presented

5/29/14 – Approval Authority First Meeting – Projects Prioritized

7/7/14 – Approval Authority Second Meeting – Projects Selected

LEAD	PROJECT	ALLOCATION July 7, 2014
County OEM / GS	Island Repeater Project	\$ 111,949
County OEM	Communications Consultant	\$ 54,000
Sheriff	Push-to-Talk System	\$ 99,200
Sheriff	Riot Cache Trailer	\$ 25,000
SB Co. Fire	HazMat Vehicle	\$ 100,000
Guadalupe	Gas detectors (Guadalupe)	\$ 6,200
SB Co. Public Health	Toughbooks (4)	\$ 18,000
County OEM	THIRA	\$ 75,000
TOTAL		\$ 489,349



TASKS

TIMELINE: April 2015 – April 2016

TASK	ESTIMATED HOURS	TEAM COST
Identify jurisdictional threats and hazards.	25	3000
Write threat and hazard context descriptions.	40	4800
Write core capability target statements.	80	9600
Conduct critical infrastructure site assessments.	240	28800
Apply THIRA results to resource allocation and preparedness activities.	120	14400
Produce a final THIRA for the Santa Barbara Operational Area.	120	14400
		<u>75000</u>



WHAT IS A THIRA



THIRA standardizes the risk analysis process that emergency managers and homeland security professionals employ for emergency operations planning, mutual aid agreements, and hazard mitigation planning.

Federal Emergency Management Agency and the California Governor's Office of Emergency Services sponsor THIRAs in order for Operational Areas to understand risks from natural, technological, and human-caused threats and hazards, in order to make informed decisions about how to manage risk and develop needed capabilities.



THREATS & HAZARDS EXAMPLES



Natural	Technological	Human-caused
<ul style="list-style-type: none">▪ Avalanche▪ Animal disease outbreak▪ Drought▪ Earthquake▪ Epidemic▪ Flood▪ Hurricane▪ Landslide▪ Pandemic▪ Tornado▪ Tsunami▪ Volcanic eruption▪ Wildfire▪ Winter storm	<ul style="list-style-type: none">▪ Airplane crash▪ Dam failure▪ Levee failure▪ Mine accident▪ Hazardous materials release▪ Power failure▪ Radiological release▪ Train derailment▪ Urban conflagration	<ul style="list-style-type: none">▪ Biological attack▪ Chemical attack▪ Cyber incident▪ Explosives attack▪ Radiological attack▪ Sabotage▪ School and workplace violence



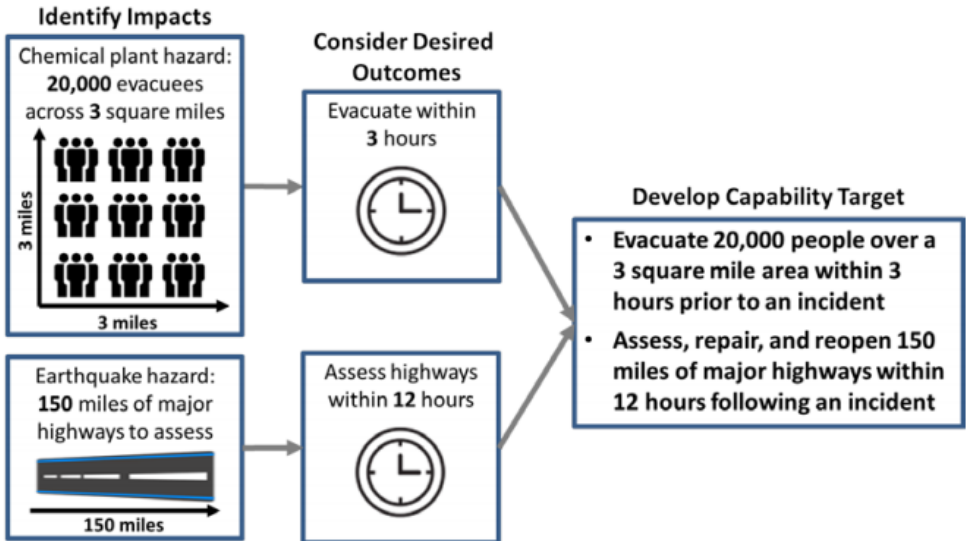
CORE CAPABILITIES



Prevention	Protection	Mitigation	Response	Recovery
Planning				
Public Information and Warning				
Operational Coordination				
Forensics and Attribution Intelligence and Information Sharing Interdiction and Disruption Screening, Search, and Detection	Access Control and Identity Verification Cybersecurity Intelligence and Information Sharing Interdiction and Disruption Physical Protective Measures Risk Management for Protection Programs and Activities Screening, Search, and Detection Supply Chain Integrity and Security	Community Resilience Long-term Vulnerability Reduction Risk and Disaster Resilience Assessment Threats and Hazard Identification	Critical Transportation Environmental Response/ Health and Safety Fatality Management Services Infrastructure Systems Mass Care Services Mass Search and Rescue Operations On-scene Security and Protection Operational Communications Public and Private Services and Resources Public Health and Medical Services Situational Assessment	Economic Recovery Health and Social Services Housing Infrastructure Systems Natural and Cultural Resources




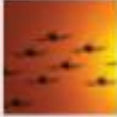


THIRA PROCESS





CRITICAL INFRASTRUCTURE



	Agriculture and Food		Banking and Finance		Chemical
	Commercial Facilities		Communications		Critical Manufacturing
	Dams		Defense Industrial Base		Emergency Services
	Energy		Government Facilities		Healthcare and Public Health
	Information Technology		National Monuments and Icons		Nuclear Reactors, Materials and Waste
	Postal and Shipping		Transportation Systems		Water



WHY THIRA



Baseline planning to make more informed decisions

Mutual Aid Agreements and Memorandums' of Understanding

Better understanding of risks from natural, technological, and human-caused threats and hazards

Develop needed capabilities

Funding allocations based on vulnerabilities

Grant requirements

