

THIRA EXECUTIVE SUMMARY

This Threat and Hazard Identification and Risk Assessment (THIRA) outlines the major threats and hazards faced by Calhoun County, Alabama. It includes a basic risk assessment as well as capability targets for public safety to increase readiness for response to the identified threats and hazards of significant risk.

Three types of hazards are addressed in the THIRA:

- Natural
- Technological
- Human-Caused

The THIRA consists of the following components:

- **Hazard List** of the significant hazards and threats faced by the jurisdiction.
- **Hazard Scenario** providing a relatable idea of how a potential hazard could affect the jurisdiction. The hazard contexts represent realistic emergency planning scenarios. These scenarios are not intended to be “absolute worst case” or “catastrophic,” but rather are expected to represent contingencies that are both real and foreseeable
- **Impact Estimates** providing quantitative potential impacts for each of the emergency planning scenarios.
- **Capability Targets** providing the jurisdiction with goals for each Impact Estimate to ensure readiness to address the full spectrum of emergency planning scenarios.
- **Gap Analysis** that analyzes our current capabilities with our capability targets
- **Resource Requirements** for each capability target listing the resources (by type) required to achieve the capability target based on the gap analysis on current ability to meet the capability target.

This THIRA is intended to be a useful tool for public safety and government. It is not intended to be a very in-depth or detailed analysis of hazards, many of which have common and well-known impacts and risk exposure.

