

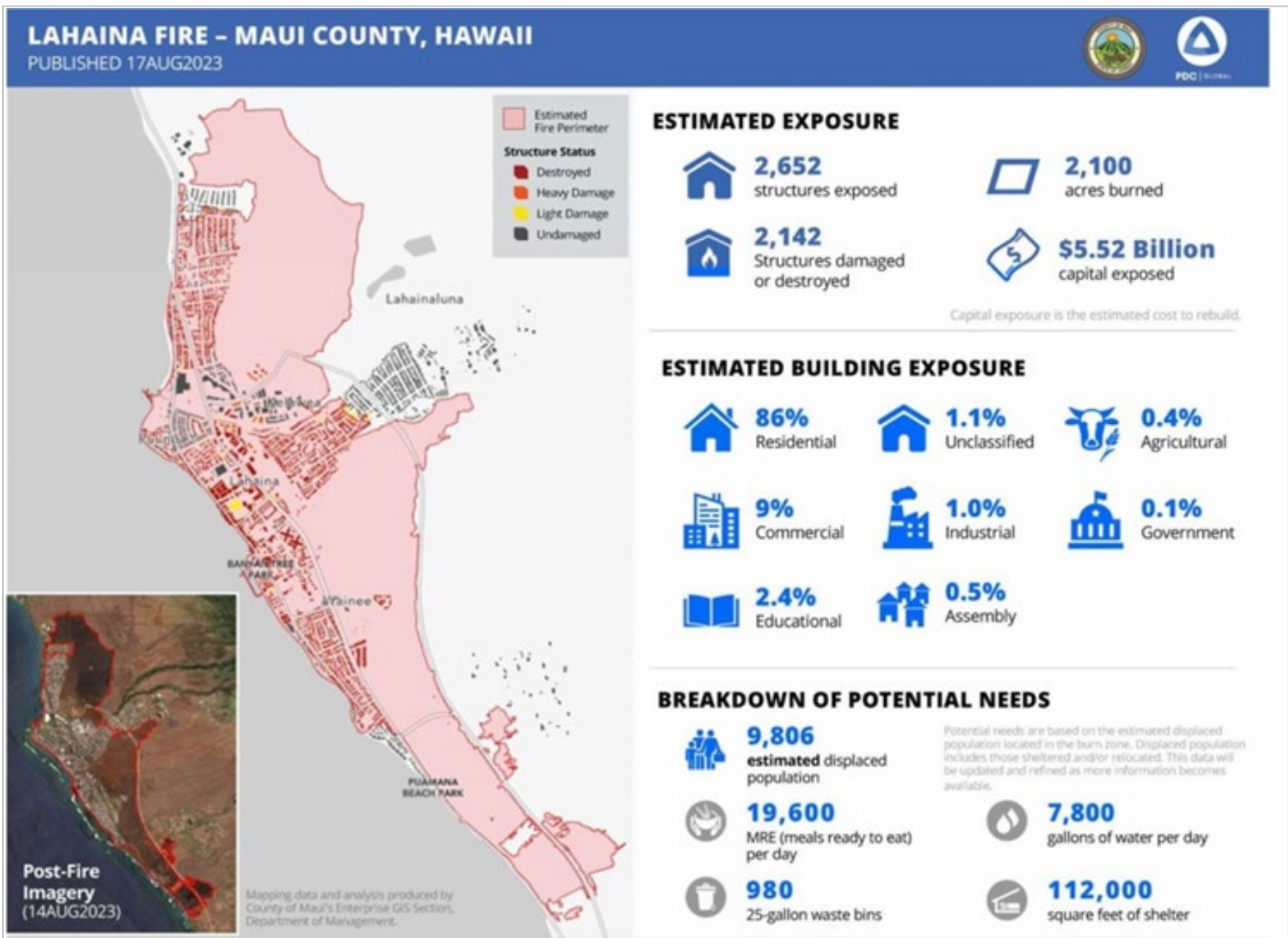
The Maui Wildfire of 2023: Response and Support by DoD



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Abstract

The Maui wildfire of 2023 was historically the worst natural disaster occurrence in the state of Hawaii. Support from local, state and federal entities followed, with limited Department of Defense (DoD) intervention. Analysis and review of data show cross-organization cooperation involving the DoD in humanitarian logistics supports more optimistic and effective disaster relief efforts. Recommended policy changes to increase DoD participation will improve response and better equip entities at all levels in the event of natural disasters.



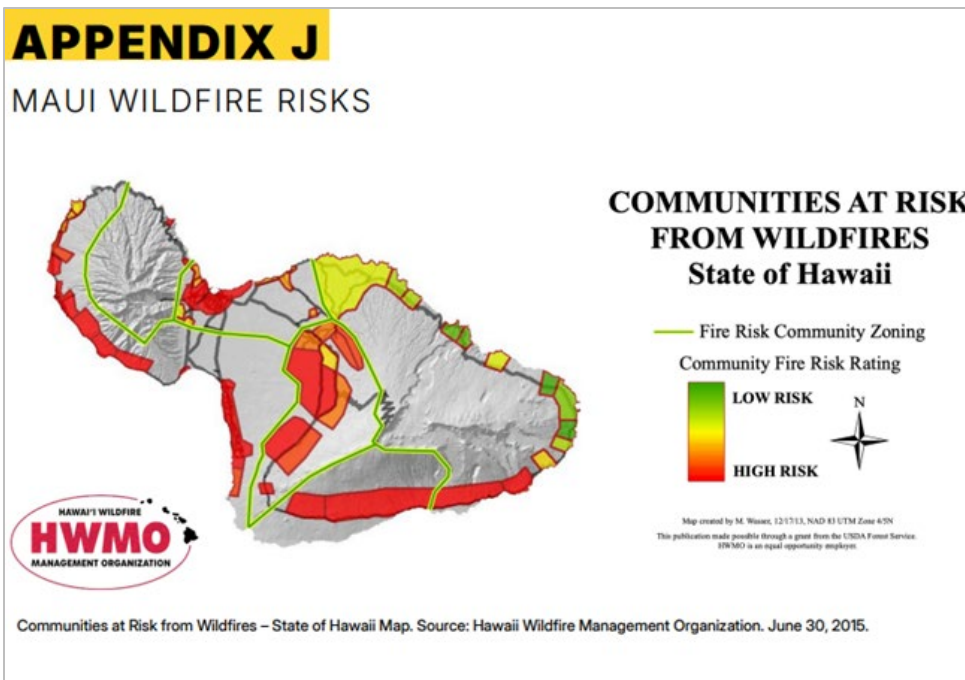
Pacific Disaster Center Estimated Costs of Fire

Methods

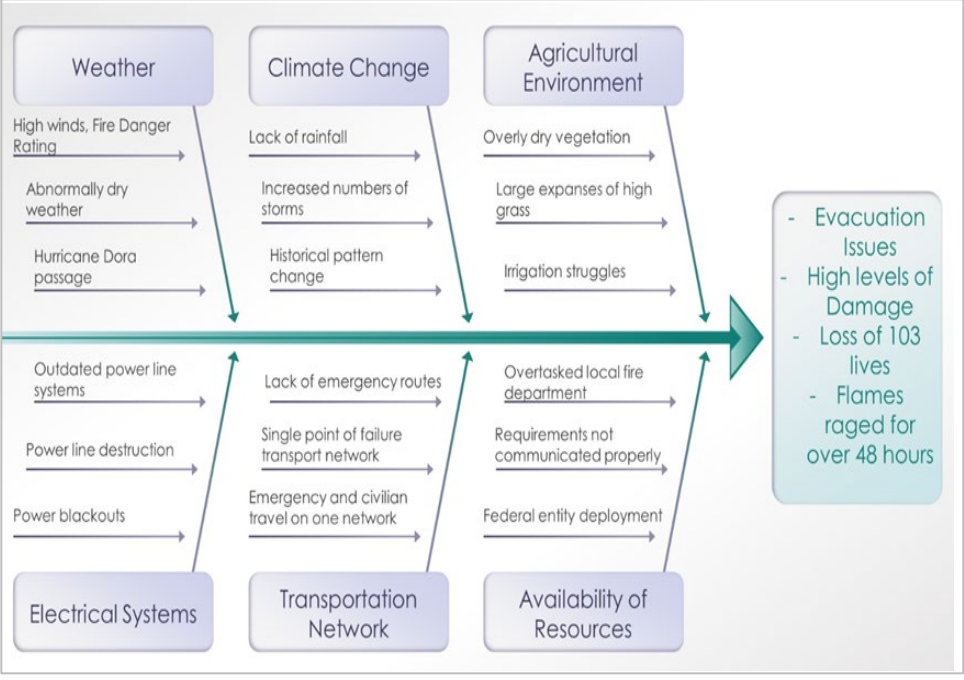
- Collection of public release information regarding the wildfire and its background from various sources
- Literature review was conducted from existing reports, official government statements, and briefing reviews
- Cause-and-effect analysis conducted to determine variables and their results in the disaster
- Performance and adequacy rating analysis conducted on actions taken by entities responsible for disaster relief
- Recommendations were developed from the analyses and support an increase in overall DoD intervention and involvement with United States natural disaster response and relief efforts.

Results & Their Impact

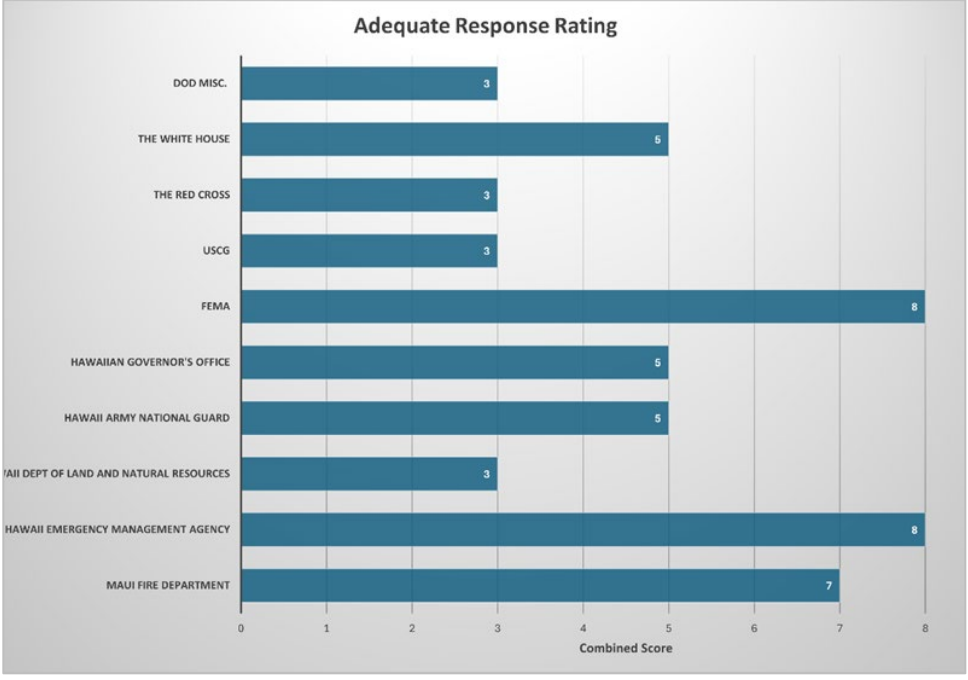
- An increase in the DoD’s ability to assist in humanitarian logistics and disaster relief, while maintaining a cross-coordinated environment with current entities, will result in enhanced relief capabilities and efficiency.
- Effective integration and training of responsible entities (at all levels) on the command, control, and response actions required in a natural disaster scenario will further prevent effects of these events.



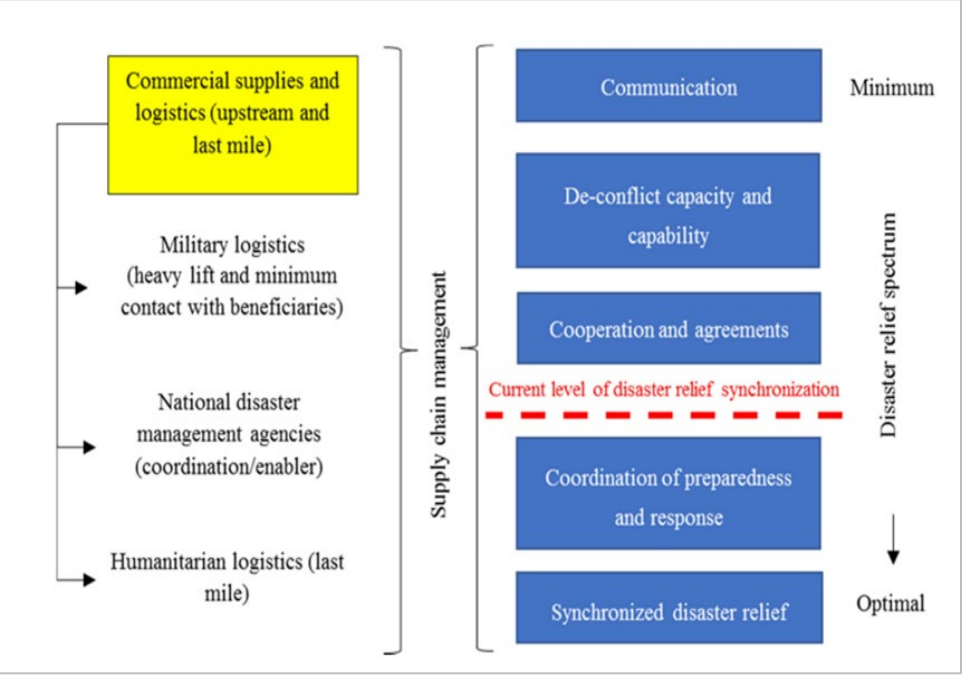
Climate Analysis: Wildfire Risk in Maui



Cause-and-Effect Fishbone Diagram



Adequate Response Rating Bar Chart



Synchronized Disaster Efforts Model

