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# The Evolving Threat Landscape

Needs for Modernization of HAZWOPER

20 October 2022

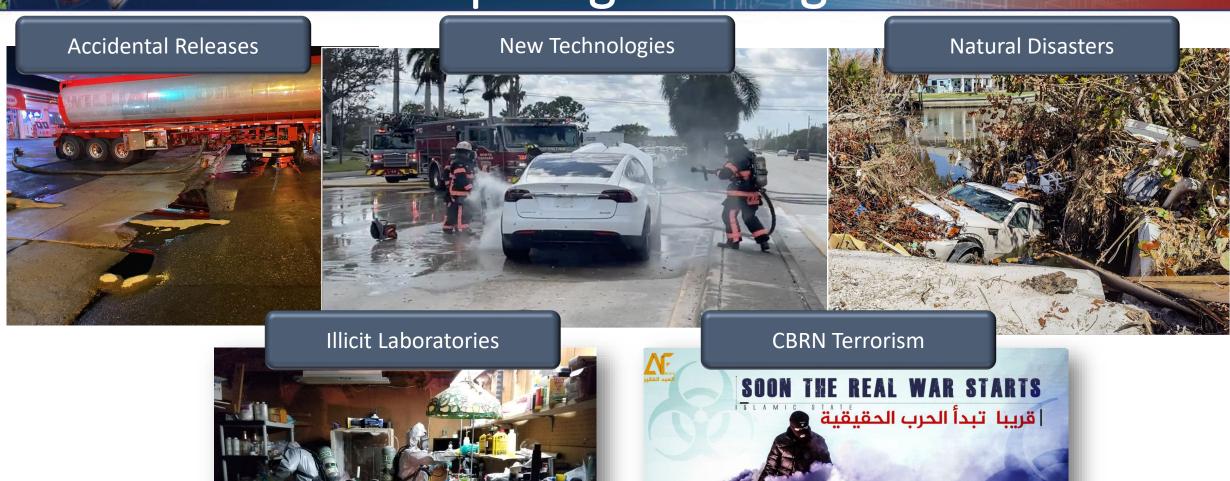
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Practical

Evidence Based Solutions
for Emergency Response



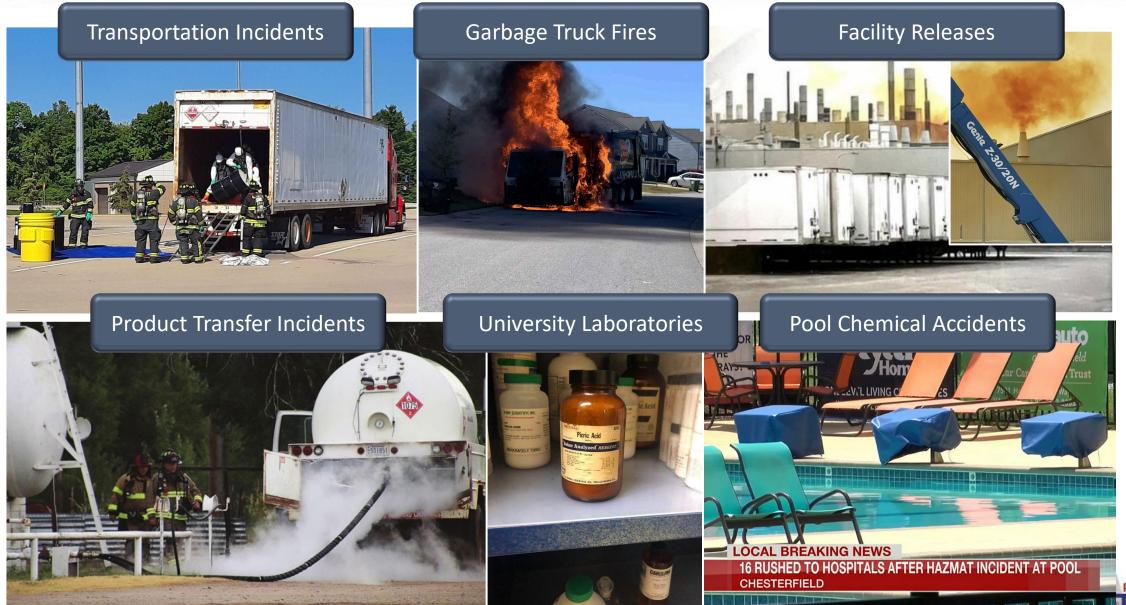
# Competing Challenges







## Accidental Releases





# Natural Disasters & Climate Change



Photo credits: U.S. Chemical Safety and Hazard Investigation Board

#### Hurricane Ian (SEP 2022) Ft. Myers Beach, FL

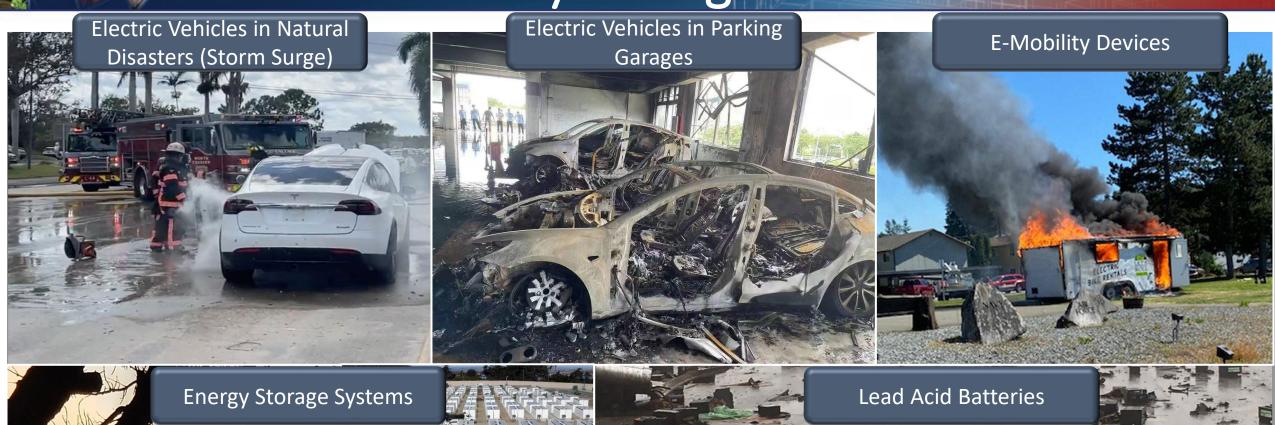


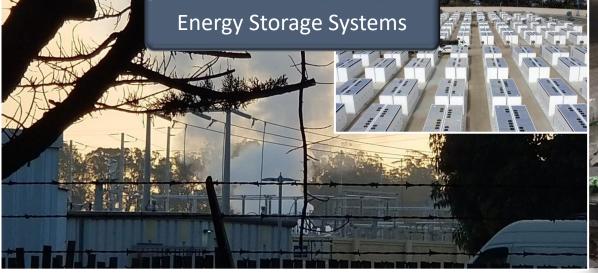
Photo credits: Rich Gatanis, Southern Manatee Fire & Rescue





## **Battery Emergencies**









## **Illicit Laboratories**















### Considerations

- Law vs. Regulation vs. Best Practice
  - HAZWOPER
  - NFPA 470 (NFPA 472/1072)
- Specific training topics
  - Emergency response and facility location issues
  - Situational awareness
  - Broad spectrum threats
  - "Other Duties as Assigned"
  - Incorporate everyday hazards





# Thank you!

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