



# **“Environmental Terrorism – Be Prepared”**

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# Outline

- **Introduction**
- **Role of Environmental Staffs**
- **Emergency Action Plans**
- **Continuity of Operation Plans**
- **Protecting Critical Infrastructure**
- **Summary**



# Is th

From: Ozarks Family

To: Dept. of Homeland Security

Dear Sirs:

I am writing to you for further instructions to what the next step is for me to take in protecting my family from possible attacks by terrorists.

I have my duck taped....now what?



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# Introduction

- **How many feel like this note applies to your organizations preparedness?**
- **No magic answers**
- **Must do the planning and preparation to minimize effects**



# Role of Environmental Staffs

- **Planning Team**
- **Technical Expertise**
- **Threat or Incident Assessment**
- **Response Team**
- **Calming Influence**



# Preventive Medicine Approach

- **Break Chain of Infection**
- **Public Health Organization for Emergencies**
  - **Population Based**
  - **Community Based**
  - **Individual**
- **Threats**
- **Documentation**



# Industrial Hygiene Approach

- **Anticipation**
- **Recognition**
- **Evaluation**
- **Control**



# Emergency Management Approach

- **Preparedness**
- **Mitigation**
- **Response**
- **Recovery**





# Emergency Response Planning

## Emergency to others

Business Contingency Plans  
Disaster Recovery Plans  
Business Recovery Plans  
Incident Response Plan

## Emergency to yourself



Occupant  
Emergency Plan

Evacuation  
Plan

Incident  
Response Plans

Business  
Recovery  
Plans



# Continuity of Operation Plans

- **On going in most public and private organizations**
- **ESOH staffs should be involved**



## Wh

- **President directed it:**
  - **EO 12656**
    - **All executive branch federal departments**
    - **National security emergency**
    - **Essential functions named**
  - **PDD 67**
    - **All branches of government**
    - **All emergencies**
    - **Minimum essential functions within 12 hours**
- **Good business practice for responsible and reliable public institutions**



## **Role of a COOP Plan**

**To identify the steps required to get:**

- **The right people**
- **With the right equipment & information**
- **To a safe & secure site**
- **Where minimum essential functions can be continued**



# Minimum COOP Plan Requirements

- **Delineate essential functions and activities**
- **Specify emergency and alternate staffs**
- **Identify essential materials, data, databases, and software**
- **Identify alternate site(s) & include procedures for deploying there**
- **Outline decision process for implementing COOP plans and procedures**
- **Establish concept of operations that will provide for obtaining operational capability within 12 hours**
- **Establish reliable processes and procedures to acquire resources necessary to continue essential functions for up to 30 days**
- **Delineate orders of succession**
- **Identify delegations of authority as appropriate**
- **Provide for personnel accountability throughout the emergency**

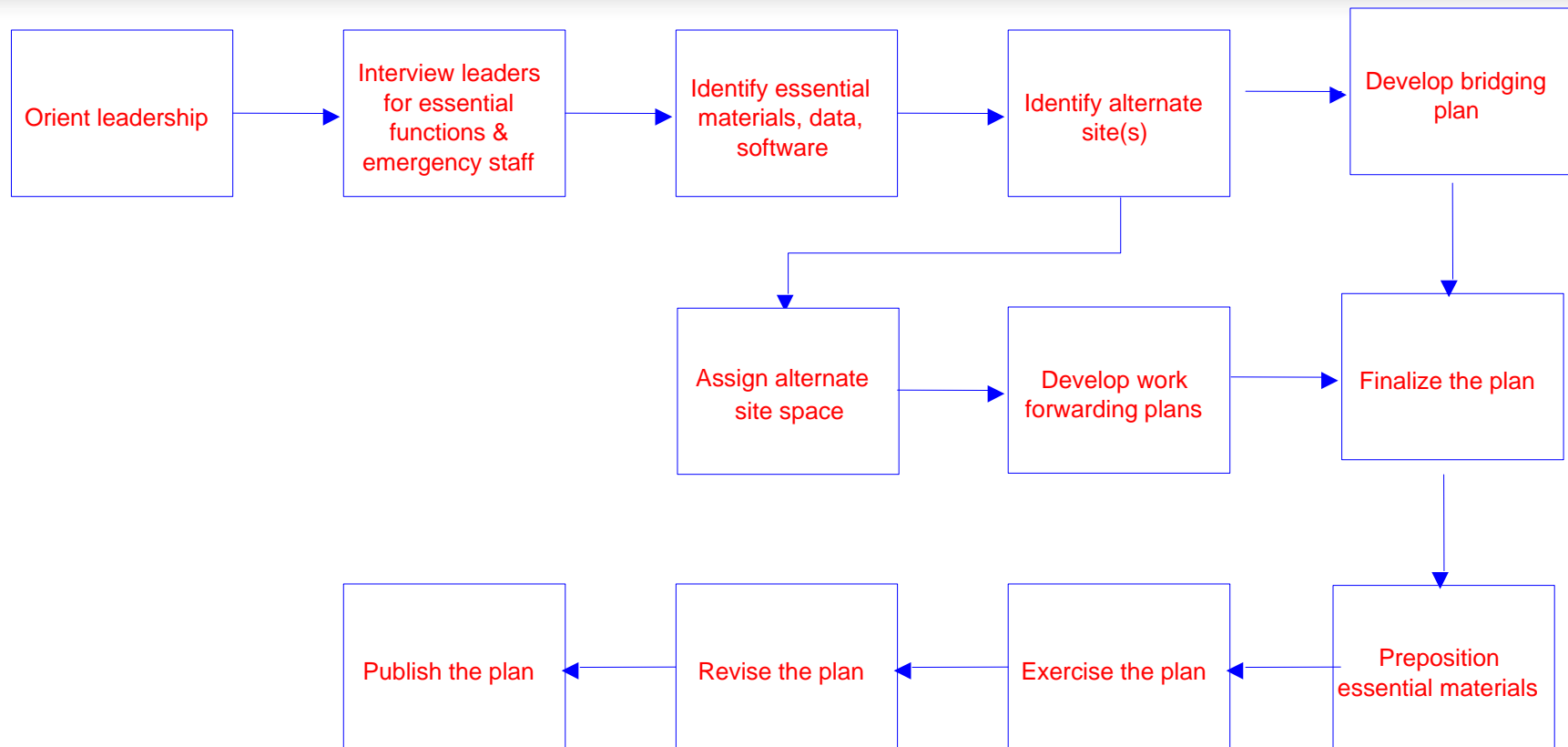


# COOP Concepts & Best Practices

- **Succession**
- **Bridging**
- **Deployment**
- **Hot Desking**
- **Work Forwarding**
  - Telephone/fax
  - Email
  - Postal mail
  - Delivery services (UPS, FEDEX, etc.)
- **Essential materials, data, and systems**
- **Personnel accountability**



# COOP Plan Development





# Draft Management Vision

**The Office of \_\_\_\_\_ Continuity of Operations (COOP) Plan will provide simple, limited, responsive, and integrated support to the \_\_\_\_\_ (Agency) during contingency operations.**



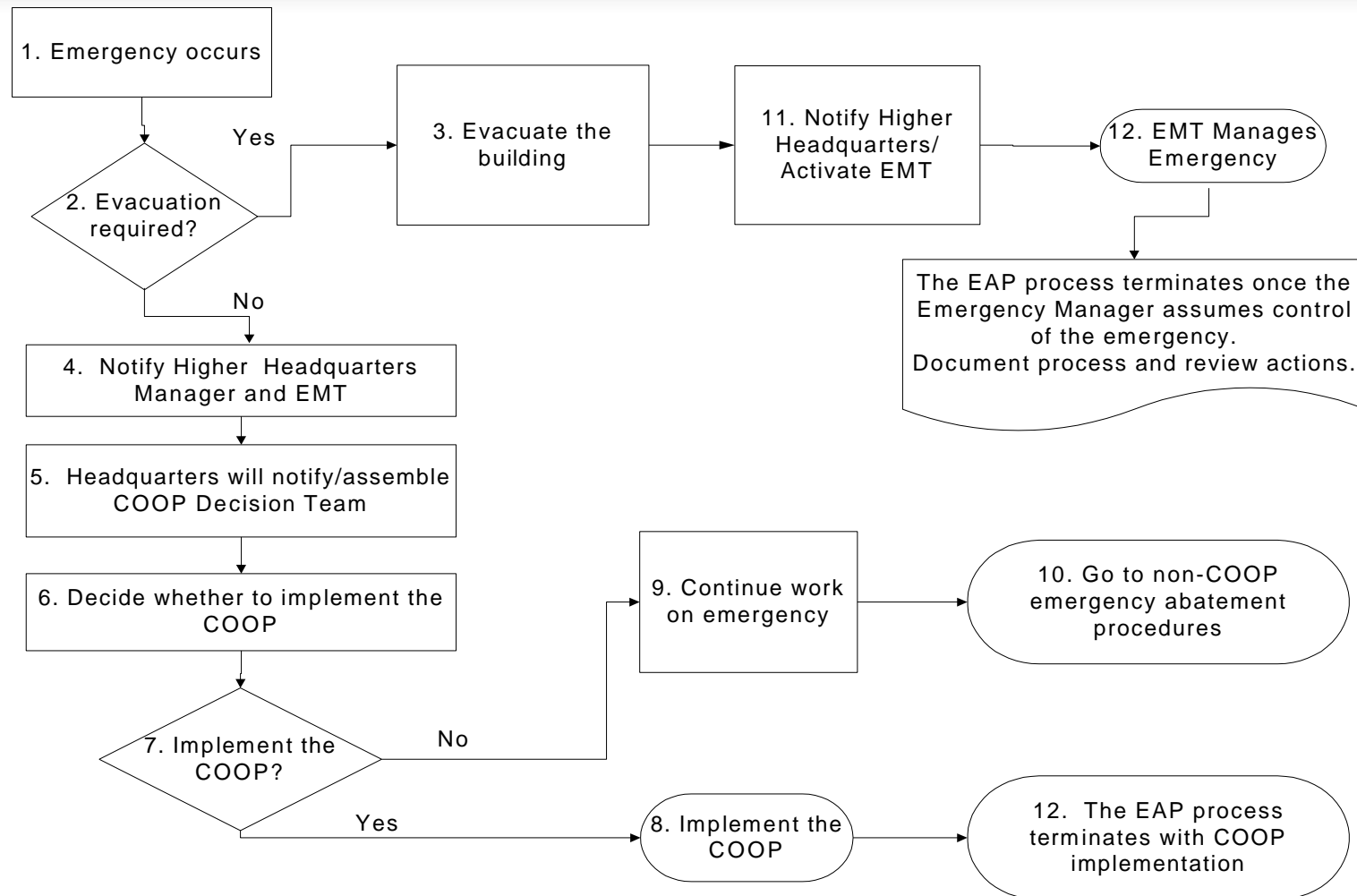


# Emergency Action Plans

- **Emergency Action Plan Basic Elements**



# Emergency Action Plan Flow Ch

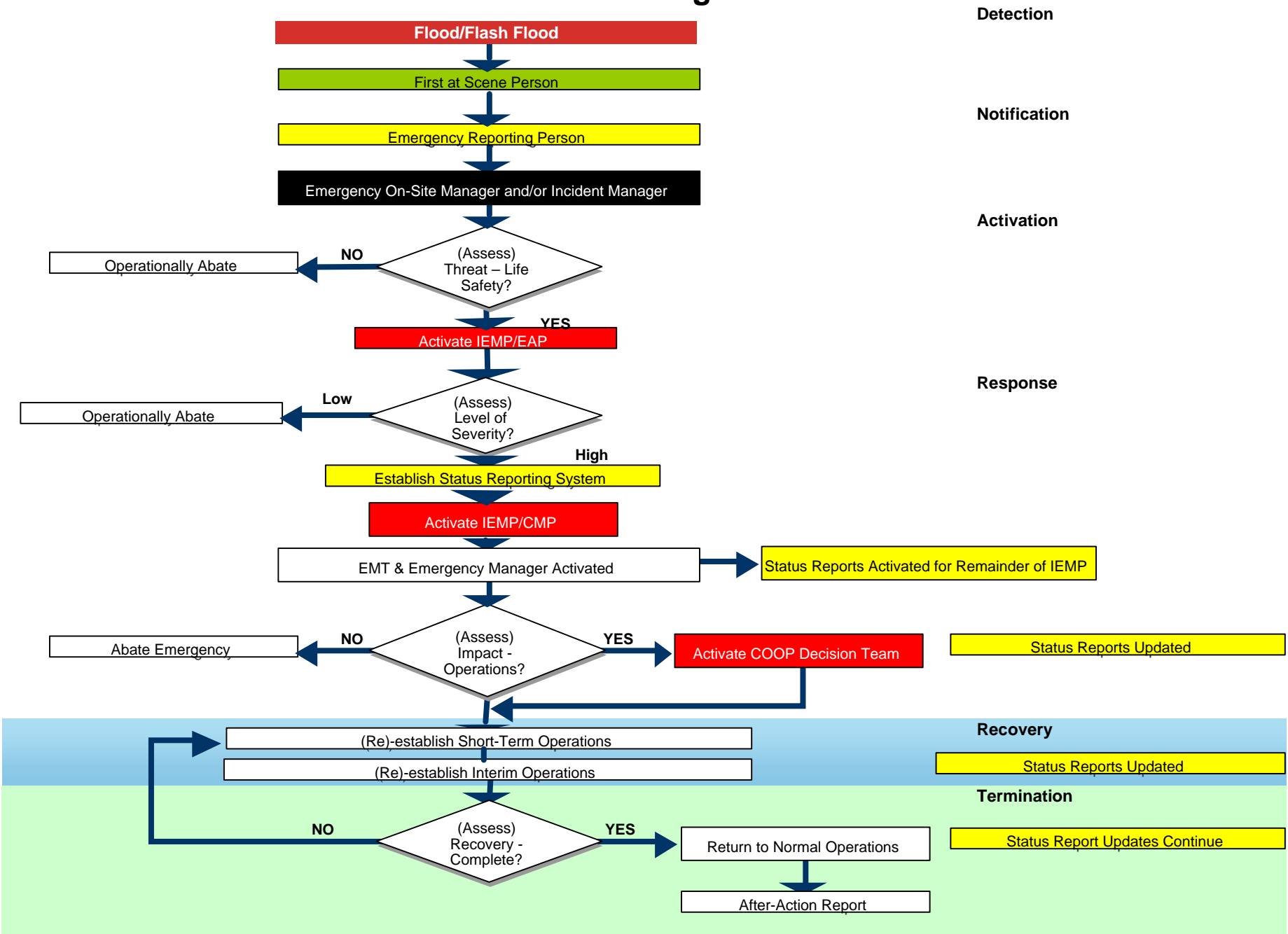




# Protecting Critical Infrastructure

- **A related task to planning**
- **Should be part of analysis**
- **On-going and should be threat based**
- **Design into new facilities**
- **“think castles and moats”**

# Incident Management





# Summary

- **Planning is the Key**
- **Environmental Professionals are important organizational resources**
- **Take action to get ready NOW**
- **Assess your organization and role**
- **Are you prepared?**



# References



[www.dhs.gov](http://www.dhs.gov)

[Homeland Security](#)

[www.ready.gov](http://www.ready.gov)

[www.redcross.org](http://www.redcross.org) Red Cross

**Various links to state and other agencies**



# Contact Information

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# Questions ?



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