

Rapid Needs Assessment

Analysis of Data



FEMA

Objectives

At the end of this unit participants will be able to:

- Describe the importance of analyzing and reviewing data
- Describe additional data sources available to support analysis



Collection

All data should be collected at a central point

- Emergency Operations Center (EOC)
- 911 Center
- Incident Command Post
- Other



Three Phases of Analysis

1. Evident
2. Geographic
3. In-depth Review



Evident

Problems are obvious:

- People trapped on rooftops after flooding

Little or no analysis required, however...

- Other sources of compounding information
- Flood waters are rapidly rising

Information forwarded to Operations Section for actions to alleviate situation.

Analysis should not delay lifesaving response!



Geographic

Problems and issues plotted on map(s)

- Pockets of problem areas become evident
- Additional threats or problems may be anticipated
- Transportation bottlenecks, etc
- Speed is of the essence

Do not spend significant time on electronic mapping systems when pen and ink will do!



In-Depth Review

Performed to get value added intelligence from data

- May require special skills
- Does not have to be performed locally
- Anticipates future problems
- Allows for placement of resources
- Allows for preemptive actions to prevent problems.
- Uses two previous methods as basis



Additional Needs

Analysis may produce additional data needs.

- Reshuffle existing priorities
- Ad hoc assignments
- Additional data incorporation.



Additional Data

Use data from *all* sources.

- Real time media reporting can support analysis activities.
 - While watching a live TV newscast, you witness a building collapse.
- 911 and other communications
- Reports from incoming staff



Activity 4

- Work in groups
- Select new leader/spokesperson
- List other sources of data which exist in your community
- How would you access these sources
- How reliable are they?



Activity 4

Report Out Time!



Review

At the end of this unit participants will be able to:

- Describe the importance of analyzing and reviewing data
- Describe additional data sources available to support analysis



And now...

**Take a
10 minute break**



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