Incident Generated Data

**Reports, Timelines/Reconstructions, Data Visualizations, Story Maps & Improvement Plans**

- Use SME knowledge of past incident response and recovery to identify AARs and other useful literature (reports/studies/articles)

Past Best Practices/Lessons Learned

**Literature & Past Reporting Review**

- Preliminary analyses drive additional data collection as needed
- Use both qualitative and quantitative analysis techniques
- Use technology as a force multiplier (e.g., large data sets)
- Constantly verify-validate different types of data to ensure accuracy (e.g., validate stakeholder input with incident generated data)

**Timelines, Sitreps, Activity Logs, Emails & Direct Observation**

- Semi-structured interviews allow for aggregation and analysis of data while still providing flexibility
- Use individual interviews with leadership to allow groups working under them to speak freely
- Use surveys for homogenous groups to keep them short and specific
- Do small group interviews to gather internal team data, allowing interviewees to collectively think through questions
- Run workshop with interdisciplinary groups to identify solutions/recommendations

Stakeholder Input

**Interviews, Workshops & Surveys**

- Ability to write at strategic, operational, and/or tactical levels
- Clear, concise writing for internal, external, and/or public use
- Detailed timelines/reconstructions
- Powerful visualizations
- Modern formats (e.g., ArcGIS StoryMaps, Tableau, dashboards)
- Strong understanding of organization environments and challenges leads to recommendations that can be operationalized

- Work with organization to understand their data
- Maintain readiness to support incident response data collection real-time
- Provide unbiased but knowledgeable analysts to collect data
- Have multiple methods to share large data sets while keeping data secure

SHARE

**Reports, Timelines/Reconstructions, Data Visualizations, Story Maps & Improvement Plans**