# Disaster Response Trade Study Tool

## Report Details

## Best Architecture

|  |  |  |
| --- | --- | --- |
| Technology | Type | Description of Selected Technology |
|  | Platform |  |
|  | Communications |  |
|  | Sensors |  |

## Selected Disaster Effects

|  |  |
| --- | --- |
| Disaster Effect | Selected |
| Flood |  |
| Debris |  |
| Smoke/Dust (airborne) |  |
| Ground Instability |  |
| Land Slide |  |
| Mud Slide |  |
| Structural Damage |  |
| High Wind (near term) |  |
| Hazardous Material Spill |  |
| Radiological Spill |  |
| Lava |  |
| Ash |  |
| Fire |  |
| Infrastructure Breakdown |  |

## Environment Definition

|  |  |  |
| --- | --- | --- |
| Terrain Effect | Value Selected | Description of selected value |
| Elevation |  |  |
| Roads |  |  |
| Bridges |  |  |
| Foliage |  |  |
| Wetness |  |  |
| Streams |  |  |
| Beach |  |  |
| Water Ways |  |  |
| Urbanization |  |  |
| Range |  |  |
| Population |  |  |
| Persistence |  |  |
| Trafficability |  |  |
| Slope |  |  |

## Defined Weighting Criteria

### Platforms

|  |  |
| --- | --- |
| Platform Attributes | Weighting |

### Communications

|  |  |
| --- | --- |
| Communications Attributes | Weighting |

### Sensor

|  |  |
| --- | --- |
| Sensor Attributes | Weighting |