HEA Template: Determine Hazard Scenarios

This template has been developed to assist with the ‘Determine hazard scenarios’ step of the HEA process. It should be used to record the Intelligence team’s analysis and conclusions, and as an agenda for an Intelligence meeting.

The template consists of a series of steps. The aim is to discuss each step, recording the conclusions reached from the discussion. The final step is for the Intelligence team to report their deductions back to the Controller and Planning team.

Inputs

The main inputs into ‘Determine hazard scenarios’ are:

* Controller’s guidance
* Deductions and information from HEA steps 1, 2 and 3
* Situation information

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| Step 1: identify hazard scenarios |
| Identify the possible ways that the hazard(s) could develop within the area of operations .  Scenario 1  Scenario 2  Scenario 3 |
| **Step 2: Develop hazard scenarios** |
| For each scenario, determine:   * A title to differentiate it from other hazard scenarios * A concise description of the hazard scenario * Graphic/sketch showing where the hazard will occur and consequence * Timeline of how and when the hazard will develop * Consequences for the population, infrastructure, economy and environment   Using the Hazard scenario templates, sketch and document the scenario. |
| Step 3: Evaluate and prioritise hazard scenarios |
| Evaluate each scenario on the basis of how likely it is and how much danger it poses to the Controller’s mission and response objectives.   |  |  |  |  | | --- | --- | --- | --- | | No. | Scenario | Probability | Danger | | 1 |  |  |  | | 2 |  |  |  | | 3 |  |  |  | |

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| Step 4: Identify Information Requirements |
| * Determine one or more unique indicators that will show if the hazard is developing in line with a scenario. * Develop Information Requirements based on these indicators, to help inform how the hazard is developing. |
| Step 5: Determine the most likely and most dangerous scenarios |
| Most likely/highest probability hazard scenario:  Most dangerous/worst case hazard scenario: |

Outputs

At the end of this step of the HEA, the Intelligence team will have:

* A developed set of hazard scenarios
* A hazard scenario identified as the most likely/highest probability
* A hazard scenario identified as the most dangerous/worst case, and
* Additional Information Requirements, including some that will help indicate how the hazard is developing.