KINGDOM OF BAHRAIN
National Resilience
AMIRI DECREES
Law No. 5 of the year 1990
with respect to
CIVIL DEFENCE
NATIONAL COMMITTEE FOR DISASTER MANAGEMENT (NCDM)

Formed, in 2006 by Ministerial Decision, No 28 dated 28.05.06

Headed by Chief of Public Security
Members from the following Ministries:-
- Interior
- BDF
- National Guard
- Municipality
- Health
- Elect & Water,
- Works & housing
- Information
- Civil Aviation
- Finance
Strategy of National Resilience
to Identify, Prepare for, Respond to and Recover from all Risks to the Kingdom.

- Put in place an effective National Crisis Management Structure.
- Identification and Training of Staff.
- Initiate Actions to Develop the Strategy.
  - Develop a National Risk Matrix.
  - Draft a National Disaster Plan.
  - Coordinate the drafting of Contingency Plans.
- Initiate drafting of Revised Legislation.
- Coordinate the “Making Safe” of Obvious Existing Priority Risks.
- Plan and carry out Joint Training.
- Develop a System of Quality Control and Performance Management.
INTEGRATED EMERGENCY MANAGEMENT
PROCESS

Anticipate

Assess

Prevent

Prepare

Continuous

Short

Respond

Long

Recover
CATEGORIES OF RISK

- **Hazard** - National Disaster or Man Made, but with no malicious or deliberate intent.
Hazard – Risk Assessment

Risk

Likelihood

Impact

Reasonable worst case scenario
## Likelihood Assessment

<table>
<thead>
<tr>
<th>Score</th>
<th>Descriptor</th>
<th>Likelihood Over 5 Years</th>
<th>Likelihood Over 5 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Negligible</td>
<td>&gt; 0.005%</td>
<td>&gt; 1 in 20,000 Chance</td>
</tr>
<tr>
<td>2</td>
<td>Rare</td>
<td>&gt; 0.05%</td>
<td>&gt; 1 in 2,000 Chance</td>
</tr>
<tr>
<td>3</td>
<td>Unlikely</td>
<td>&gt; 0.5%</td>
<td>&gt; 1 in 200 Chance</td>
</tr>
<tr>
<td>4</td>
<td>Possible</td>
<td>&gt; 5%</td>
<td>&gt; 1 in 20 Chance</td>
</tr>
<tr>
<td>5</td>
<td>Probable</td>
<td>&gt; 50%</td>
<td>&gt; 1 in 2 Chance</td>
</tr>
</tbody>
</table>
Impact Assessment

Overall Impact

- Economic
- Environment
- Health
- Social
- Outrage
- Anxiety
<table>
<thead>
<tr>
<th>Impact</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>H15, H18</td>
<td>H2, H4, H5, H9, H34</td>
<td>H25, H30</td>
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<td>H17, H28, H31, H41</td>
<td>H19, H21, H29</td>
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<td>H20,</td>
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<tr>
<td>2</td>
<td></td>
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</tbody>
</table>

**Likelihood**

- **Very High**
- **High**
- **Medium**
- **Low**
<table>
<thead>
<tr>
<th>Risk Rating</th>
<th>Action/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>“High”</td>
<td>Requires <strong>Urgent</strong> consideration. Multi Agency Planning, Exercising and Training should be done. Risk to be continually monitored.</td>
</tr>
<tr>
<td>“Medium”</td>
<td>Less significant Risk. Should be continually monitored. Generic Plans should be in place.</td>
</tr>
<tr>
<td>“Low”</td>
<td>Risks considered “Unlikely to Occur” and relatively low impact. Require monitoring in case Risk level rises.</td>
</tr>
<tr>
<td>Risk Category</td>
<td>Risk Reference Number</td>
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<tr>
<td>---------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Mass Accidents</td>
<td>H</td>
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OFFICE OF EXECUTIVE SECRETARIAT TO THE NATIONAL COMMITTEE FOR DISASTER MANAGEMENT

MINISTRY OF INTERIOR GENERAL DIRECTORATE OF CIVIL DEFENCE

COORDINATION

COOPERATION

ALL INVOLVED LEAD MINISTRIES, AGENCIES AND ORGANISATIONS FROM PUBLIC AND PRIVATE SECTORS

EMERGENCY SERVICES

OUTCOME

“SUCCESS IN ACHIEVING THE THREE STRATEGIC GOALS”

SAFETY, RISK AWARENESS AND REDUCTION CULTURE

RISK MANAGEMENT

CRISIS MANAGEMENT
DRR Financing Mechanisms

National Budget.
Ministry Budget.
New projects.
Insurance.
National Emergency Command Centre (NECC)

Opened in 2003
NATIONAL MAJOR EMERGENCY STRATEGY

Strategic Goal One – Culture

“For the Public and Private Institutions and Citizens of the Kingdom of Bahrain to develop a Culture of Safety, Risk Awareness and Risk Reduction through knowledge, innovation and education all levels.”

Strategic Goal Two – Risk Management

“To develop and strengthen Organizations, Mechanisms and Capabilities at all levels to ensure the Kingdom’s Risk Awareness, Risk Reduction and Risk Management Strategies are executed successfully”.

Strategic Goal Three – Crisis Management

“To ensure that if a major Crisis occurs which effects the Wellbeing, Welfare and Wealth of the Nation, that such a Crisis will be Successfully managed and swiftly recovered from.”
“THANK YOU”