

DISASTER RISK REGISTER

ANNEXURE “D”

| HAZARD | HAZARD | | | | Vulnerability | | | | | | CAPACITY | | | | | | Relative Risk Rating | Relative Risk Priority | |
|---------------------------|---|--|---|---------------|---|-----------|----------|-----------|------------|----------------------|---|---------------|-------------|-----------------------------------|-------------------|-------------------|----------------------|------------------------|-----------------|
| | Score: 4. Very Likely 3. Likely 2. Unlikely 1. Rare | Score: 4. Monthly/weekly 3. Every 1 - 2 years 2. Every 2 - 5 years 1. Every 5 - 10 years | Score: 4. Major 3. Serious 2. Minor 1. Negligible | Hazard Rating | Vulnerability Score: 4. Extremely Vulnerable 3. Seriously Vulnerable 2. Slightly Vulnerable 1. Not Vulnerable | | | | | Vulnerability Rating | Capacity Score: 4. Very Good 3. Good 2. Poor 1. Very Poor | | | | | | | | Capacity Rating |
| | | | | | Probability | Frequency | Severity | Political | Economical | | Social | Technological | Environment | Physical Planning and Engineering | Societal Capacity | Economic Capacity | | | |
| Drought | 3 | 3 | 4 | 10 | 1 | 4 | 4 | 3 | 4 | 16 | 2 | 3 | 1 | 3 | 1 | 1 | 11 | 14.545 | extremely high |
| Wildland fire | 4 | 4 | 4 | 12 | 1 | 3 | 3 | 2 | 2 | 11 | 2 | 3 | 2 | 2 | 3 | 2 | 14 | 9.429 | high |
| Social conflict | 3 | 4 | 3 | 10 | 1 | 4 | 3 | 2 | 2 | 12 | 2 | 2 | 1 | 2 | 3 | 3 | 13 | 9.231 | high |
| Tsunami | 3 | 1 | 3 | 7 | 1 | 4 | 3 | 3 | 3 | 14 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 8.909 | high |
| Structural fire | 4 | 4 | 3 | 11 | 2 | 2 | 2 | 2 | 1 | 9 | 2 | 3 | 2 | 2 | 2 | 2 | 13 | 7.615 | high |
| Coastal erosion | 3 | 4 | 2 | 9 | 1 | 2 | 2 | 2 | 3 | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 7.500 | high |
| HAZMAT: ocean spill | 2 | 2 | 4 | 8 | 1 | 2 | 2 | 1 | 4 | 10 | 2 | 2 | 2 | 2 | 2 | 1 | 11 | 7.273 | high |
| Pest infestation | 3 | 4 | 2 | 9 | 1 | 3 | 3 | 1 | 3 | 11 | 3 | 2 | 3 | 2 | 3 | 2 | 15 | 6.600 | tolerable |
| Nuclear event | 1 | 1 | 4 | 6 | 1 | 3 | 3 | 2 | 4 | 13 | 3 | 2 | 1 | 2 | 2 | 2 | 12 | 6.500 | tolerable |
| Endemism | 3 | 4 | 2 | 9 | 1 | 3 | 3 | 1 | 3 | 11 | 3 | 3 | 2 | 3 | 3 | 2 | 16 | 6.188 | tolerable |
| Water supply disruption | 3 | 4 | 2 | 9 | 1 | 3 | 3 | 2 | 1 | 10 | 2 | 3 | 2 | 3 | 3 | 2 | 15 | 6.000 | tolerable |
| HAZMAT: road | 3 | 2 | 2 | 7 | 1 | 2 | 2 | 2 | 3 | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 5.833 | tolerable |
| Disruption of electricity | 4 | 4 | 2 | 10 | 1 | 2 | 2 | 2 | 1 | 8 | 2 | 3 | 2 | 3 | 3 | 2 | 15 | 5.333 | tolerable |
| Floods | 4 | 3 | 3 | 10 | 1 | 2 | 2 | 2 | 1 | 8 | 2 | 3 | 2 | 2 | 3 | 3 | 15 | 5.333 | tolerable |
| Shipping incident | 2 | 2 | 3 | 7 | 1 | 2 | 2 | 1 | 3 | 9 | 2 | 3 | 2 | 2 | 2 | 1 | 12 | 5.250 | tolerable |
| Sea level rise | 3 | 1 | 2 | 6 | 1 | 2 | 2 | 2 | 3 | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 5.000 | tolerable |
| Storm surge | 3 | 3 | 2 | 8 | 1 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 3 | 3 | 3 | 15 | 4.800 | tolerable |
| Human diseases | 4 | 4 | 3 | 11 | 1 | 2 | 2 | 1 | 1 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 18 | 4.278 | tolerable |
| Severe weather | 3 | 4 | 1 | 8 | 1 | 2 | 2 | 2 | 1 | 8 | 2 | 2 | 2 | 3 | 3 | 3 | 15 | 4.267 | tolerable |
| Aircraft incident | 2 | 2 | 2 | 6 | 1 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 3 | 3 | 3 | 3 | 16 | 3.375 | low |
| Road incident | 4 | 4 | 1 | 9 | 1 | 1 | 2 | 1 | 1 | 6 | 3 | 3 | 2 | 3 | 3 | 3 | 17 | 3.176 | low |

Source by WCDM