

(Tentative)
Natural Disasters Risk
Assessment Mapping , Thailand

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Top 10 Natural Disasters in Thailand (1900-2014)

Death

| Date | Type | Totals deaths |
|-------------|----------------------|---------------|
| 2004-Dec.26 | Earthquake (Tsunami) | 8345 |
| 2011-Aug.5 | Flood | 813 |
| 1962-Oct.27 | Storm | 769 |
| 1988-Nov.19 | Flood | 664 |
| 1955-Jun. | Earthquake | 500 |
| 1989-Nov.3 | Storm | 458 |
| 2010-Oct.10 | Flood | 258 |
| 1975-Jan.3 | Flood | 239 |
| 1995-Aug.1 | Flood | 231 |
| 2006-Aug.20 | Flood | 164 |

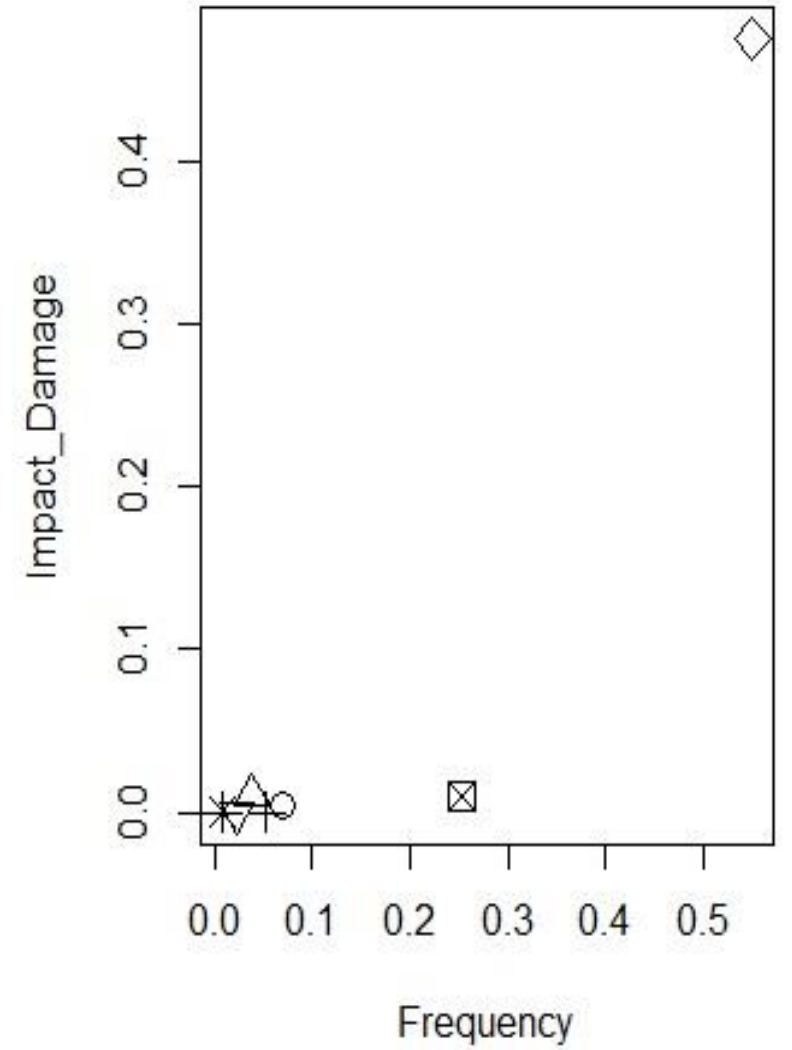
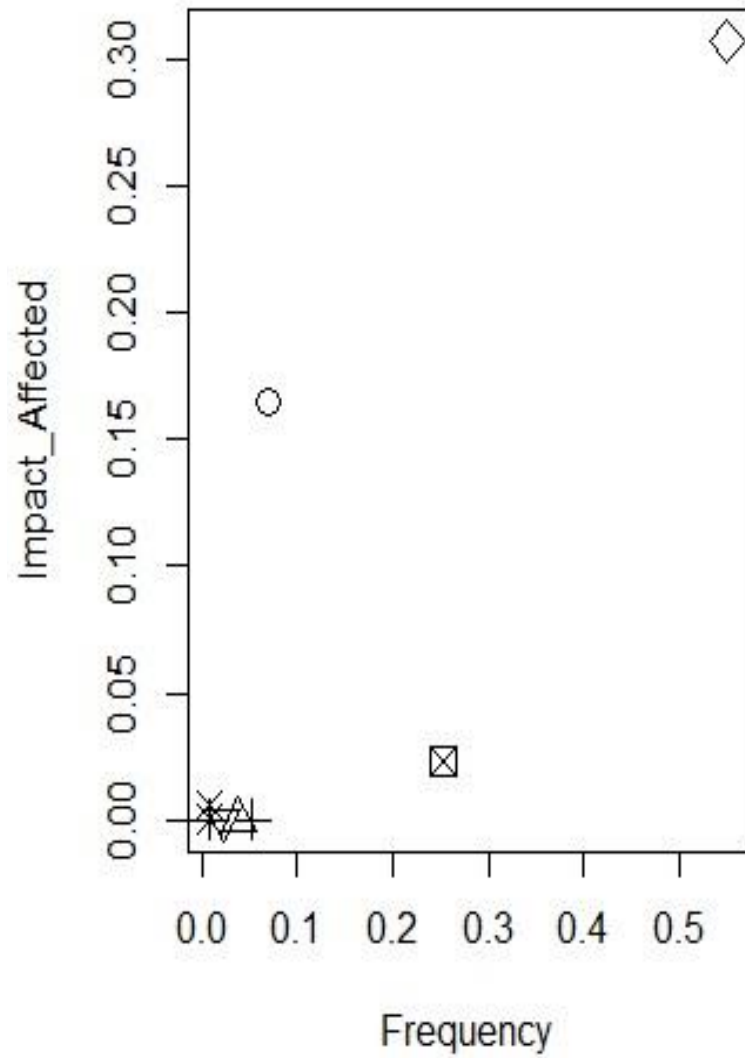
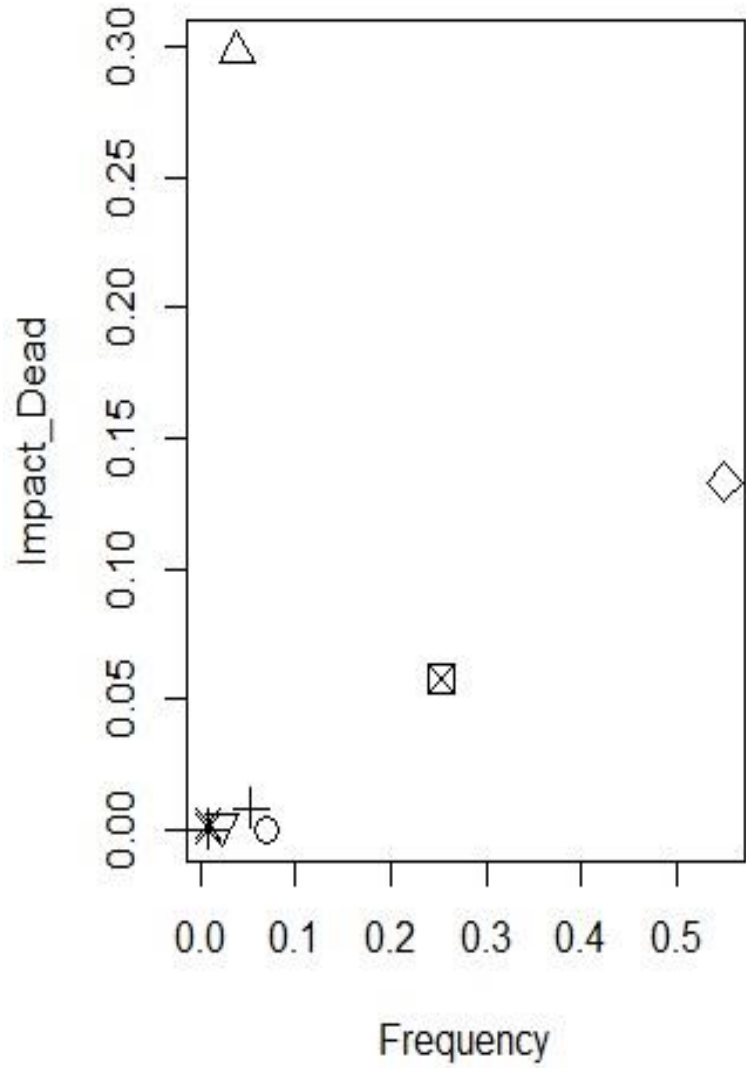
Affected

| Date | Type | Total affected |
|-------------|---------|----------------|
| 2008-Apr | Drought | 10000000 |
| 2011-Aug5 | Flood | 9500000 |
| 2010-Oct.10 | Flood | 8970653 |
| 2010-Mar. | Drought | 6482602 |
| 1999-Jan. | Drought | 6000000 |
| 1996-Jun.30 | Flood | 5000000 |
| 2002-Feb. | Drought | 5000000 |
| 1995-Aug.1 | Flood | 4280984 |
| 2013-Sep.30 | Flood | 3500000 |
| 2002-Oct. | Flood | 3289420 |

Damage

| Date | Type | Total damage ('000 US\$) |
|-------------|------------|--------------------------|
| 2011-Aug.5 | Flood | 40000000 |
| 1993-Nov.27 | Flood | 1261000 |
| 2004-Dec.26 | Earthquake | 1000000 |
| 2013-Sep.30 | Flood | 482000 |
| 1989-Nov.3 | Storm | 452000 |
| 2005-Jan. | Drought | 420000 |
| 1993-Dec. | Flood | 400100 |
| 1984-Jan.19 | Flood | 400000 |
| 1978-Aug. | Flood | 400000 |
| 2010-Oct.10 | Flood | 332000 |

Natural Disasters Risk Assessment Mapping (1900-2014)



○ : Drought △ : Earthquake (Tsunami) + : Epidemic × : Extreme Temp. ◇ : Flood ▽ : Landslide ⊠ : Storm * : Wildfire

Risk matrix options (1) :

| | | | | |
|-----------------------|---------------|--------------------------------|--|--|
| Impact of Risk | High | Management required | Considerable management and monitoring required | Extensive management and monitoring essential |
| | Medium | Accept risk but monitor | Management worthwhile | Management required |
| | Low | Accept risk | Accept risk but monitor | Manage and monitor |
| | | Low | Medium | High |
| | | Probability of Risk | | |

Risk matrix options (2) :

| | | | | | | | | |
|---------------|--------|----------|--------------------|---------------------|----------|----------|----------|----------|
| Impact | High | 6 | | | | | | |
| | | 5 | | | | | | |
| | Medium | 4 | | | | | | |
| | | 3 | | | | | | |
| | Low | 2 | | | | | | |
| | | 1 | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 |
| | | | Low | | Medium | | High | |
| | | | Probability | | | | | |
| | | | | Annual Reevaluate | | | | |
| | | | | Periodic Attention | | | | |
| | | | | Immediate Attention | | | | |
| | | | | Immediate Action | | | | |