

## Hazards and Disasters Definitions and Case Studies

| Key Term      | First Attempt at Definition | Definition |
|---------------|-----------------------------|------------|
| disaster      |                             |            |
| hazard        |                             |            |
| hazard event  |                             |            |
| risk          |                             |            |
| vulnerability |                             |            |

| Key Term                                | First Attempt at Definition | Definition |
|---|-----------------------------|------------|
| earthquake                              |                             |            |
| hurricane / tropical cyclone / typhoons |                             |            |
| drought                                 |                             |            |
| human-induced hazard                    |                             |            |
| magnitude                               |                             |            |
| predictability                          |                             |            |

| Key Term               | First Attempt at Definition | Definition |
|------------------------|-----------------------------|------------|
| demographic factors    |                             |            |
| socio-economic factors |                             |            |
| community preparedness |                             |            |
| predicted losses       |                             |            |
| perception             |                             |            |
| intensity of impacts   |                             |            |

| Key Term           | First Attempt at Definition | Definition |
|--------------------|-----------------------------|------------|
| spreading the risk |                             |            |
| land-use planning  |                             |            |
| rescue             |                             |            |
| rehabilitation     |                             |            |
| reconstruction     |                             |            |
| adjustment         |                             |            |

| Syllabus Content  | Case Study / Example | Four Bullet Points About Case Study |
|---|----------------------|-------------------------------------|
| Either an earthquake or a volcanic eruption in a developed country  |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
| Either an earthquake or a volcanic eruption in a developing country |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
| A hurricane in a developed country                                  |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |

| Syllabus Content                    | Case Study / Example | Four Bullet Points About Case Study |
|-------------------------------------|----------------------|-------------------------------------|
| A hurricane in a developing country |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |
| A drought in a developed country    |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |
| A drought in a developing country   |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |
|                                     |                      |                                     |

| Syllabus Content   | Case Study / Example | Four Bullet Points About Case Study |
|--|----------------------|-------------------------------------|
| A human-induced hazard                                     |                      |                                     |
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|  |                      |                                     |
| Why people live in hazardous areas                         |                      |                                     |
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|  |                      |                                     |
|  |                      |                                     |
| Sector of a population that is more vulnerable than others |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |

| Syllabus Content  | Case Study / Example | Four Bullet Points About Case Study |
|---|----------------------|-------------------------------------|
| Underestimate the probability of a hazard event occurring                                 |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
| Methods used to predict hazards<br>[two different hazard types needed]                    |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
| A disaster [could be a repeat of any of your tectonic, hurricane or drought case studies] |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |
|   |                      |                                     |



| Syllabus Content   | Case Study / Example | Four Bullet Points About Case Study |
|--|----------------------|-------------------------------------|
| Reducing vulnerability by spreading risk                             |                      |                                     |
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|  |                      |                                     |
|  |                      |                                     |
| Reducing vulnerability by land-use planning                          |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
| Strategies designed to limit the damage from potential hazard events |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |

| Syllabus Content   | Case Study / Example | Four Bullet Points About Case Study |
|--|----------------------|-------------------------------------|
| Responses at community level during and after a hazard event     |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
| Responses at national level during and after a hazard event      |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
| Responses at international level during and after a hazard event |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |
|  |                      |                                     |

