





Outline

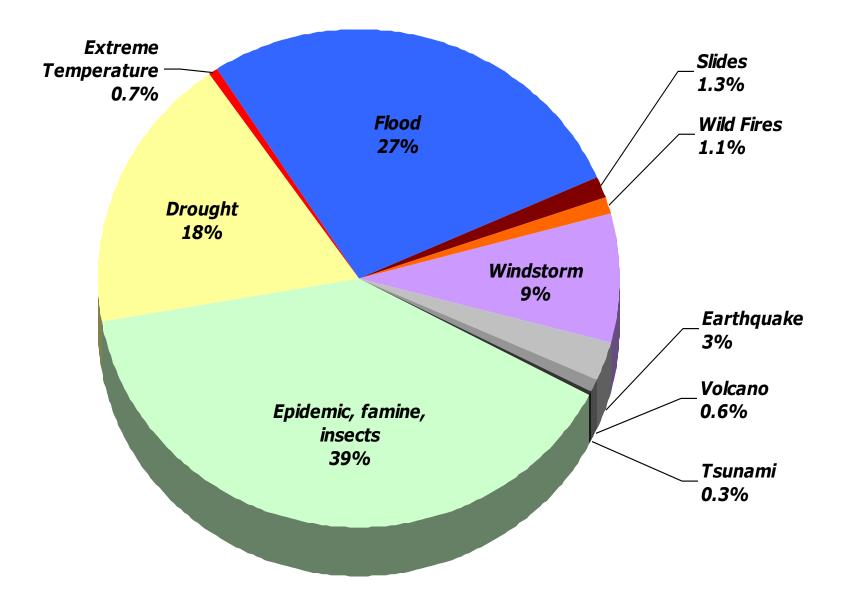
- Occurrence of Weather and Climate extremes
- Precipitation (Floods and Droughts)
- Temperature (heat waves & cold spells)
- Sea Level Rise (coastal areas & river banks)



Occurrence of Weather and Climate extremes

AR5 affirms that: generally, there has been an increased frequency and severity in the occurrence of weather and climate extremes; characterised by:

- Variations in Precipitation patterns (Floods and Droughts);
- Variations in Temperature patterns (heat waves & cold spells)
- Sea Level Rise (coastal areas & river banks)



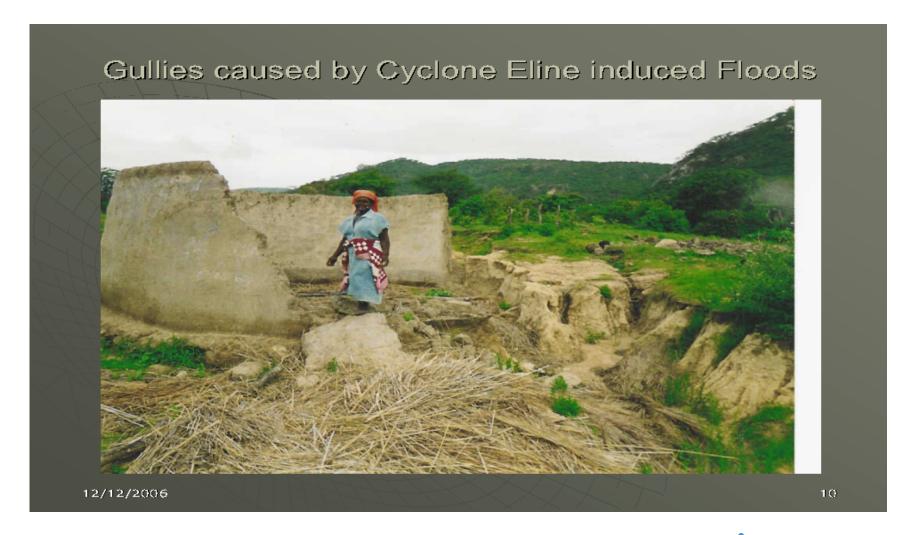




















Low Precipitation (Droughts)



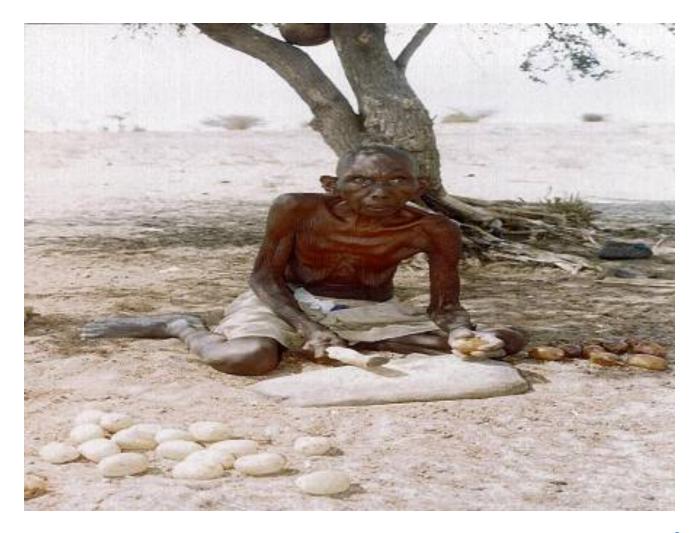


Low Precipitation (Droughts)





Low Precipitation (Droughts)





Temperature

AR5 reveals that general trend over most land areas characterised by: **General Increase**

1. Warmer and /or fewer cold days and nights;

2. Warmer and /or more frequent hot days and nights



Temperature

High temps increase the incidences of:

- Fires
- Earth worm invasions
- Locusts invasions
- Human exhaustion

Cold temps increase the incidences of:

- Frost episodes
- Snow episodes



Sea Level Rise

AR5 affirms:

1. Increased incidence and /or magnitude of extreme high sea level









