

**Pre-disaster**

- Philippines in SE Asia
- A developing country classed as NIC
- Population 108 m
- GDP \$4700 (UK 37,000)
- Living in poverty 27%
- Adult literacy 49% (2014)
- A multi-hazardous envir.

**Relief and Rehabilitation**

- State of National Calamity declared
- Countries eg US, UK sent aid, food, water, med
- Oxfam - water tanks
- boat repair, rice seeds
- Disease problems addressed

**Reconstruction and recovery**

- City of Tacloban rebuilt
- airport rebuilt
- Roads repaired, oil spills cleaned up
- Build back better govt. response
- No build zones on coast set up
- New storm surge warning systems

**The event**

- winds 313km/hr
- storm surge up to 8m
- 250mm rainfall in under 12 hrs

IMPACT

Economic \$5.8b. Cost, crops (rice/sugar) destroyed.

Social 7000 killed, 19m homeless

Envir. 1000s of trees lost, oil spill

**CASE STUDY** NOV  
2-8th  
HAIYAN TYPHOON 2013

**Search and Rescue**

- Met. Agency (PAGASA) warning 2 days before
- 750,000 evacuated
- Medical teams sent in. + us soldiers
- 5 days for Aid to appear, only 20% of victims received aid
- some people trapped by storm surge rescued



