

PROGRESSION OF VULNERABILITY 

**PRESSURE AND RELEASE MODEL OF DISASTERS**

ROOT CAUSES (V1)

DYNAMIC (V2)  
PRESSURES

UNSAFE (V3)  
CONDITIONS

DISASTER

HAZARDS

**LIMITED ACCESS TO:-**

- Power
- Structure
- Resources

**IDEOLOGIES:-**

- Political systems
- Economic systems

**LACK OF:-**

- \*Local institutions
- \*Training
- \*Skills
- \*Investment
- \*Local market
- \*Press freedom
- \*Ethical standards in public life

**MACRO FORCES:-**

- \*Rapid population growth
- \*Rapid urbanisation
- \*Arms expenditure
- \*Debt repayment
- \*Deforestation
- \*Soil degradation

**FRAGILE PHYSICAL ENVIRONMENT:-**

- \*Dangerous locations
- \*Unprotected buildings and infrastructure

**FRAGILE LOCAL ECONOMY:-**

- \*Livelihoods at risk
- \*Low income levels

**VULNERABLE SOCIETY:-**

- \*Special groups at risk
- \*Lack of local institutions

**PUBLIC ACTIONS:-**

- \*Lack of disaster preparedness
- \*Prevalence of endemic disease

**RISK = HAZARD  
X  
VULNERABILITY**

**EARTHQUAKE**

**HIGH WINDS  
(CYCLONE )**

**VOLCANIC  
ERUPTION**

**VIRUS / PEST**

**FLOODING**

**DROUGHT**

**WILD FIRE**