

Natural Disasters And Our Preparedness

Outline

1. Introduction

Thesis Statement: Recurring natural disasters pose serious existential threat to humanity. The devastating impacts of recent disasters show that the world is not well prepared against them. However, viable changes in overall strategy and adoption of modern techniques and tools can reduce their impacts.

2. ~~A~~ Overview of Major Natural Disasters in The 21st Century.

3. Impacts of Natural Disasters

- a. Economic Impacts; damage infrastructure, destroy public property and bring unemployment
- b. Environmental impacts; Remove forests, eradicate biodiversity and disrupt ecosystem
- c. Social impacts; loss of life, homelessness, mass displacement, psychological trauma and disruption in education

4. How Can The World Be Best Prepared for Natural Disasters

- a. Leverging the blessings of technology; Japan's resilient models, case in point
- b. Investing in research to mitigate the causal effect of natural disasters

- c. Mitigating anthropogenic activities especially those disrupting natural systems; burning of fossil fuels, deforestation, changing water course
- d. Lessening climate change which exacerbates occurrence of natural disasters
- e. Adopting suitable construction models, compensating the geographical factors; base isolation technique for earthquake prone areas
- f. Strengthening already existing ^{global} framework under the UN; Sendai Framework for Disaster Risk Reduction 2015-2030

5. Conclusion