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How do natural disasters affect countries worldwide?

Malhotra Daksh Varun

Utpal Shanghvi Global School, Mumbai, Maharashtra

ABSTRACT

My Global Perspective report documents the cataclysmic impacts that natural disasters can pose to humans, the ubiquitous ramifications on the local/global economy, and how it is imperative for governments across the world to devise strategies to mitigate the effects of these catastrophic events. It also shows that the distress and annihilation is phenomenal, whether they are developed nations or poverty stricken, whilst also highlighting the fact that many of these catastrophes are augmented by mismanagement and urbanization. To conclude, the research helped me expand my outlook from the constricted understanding of only the Indian subcontinent to a global scale.

Keywords: *Natural Disasters, Global Effect, National Perspective*

How do natural disasters affect countries worldwide?

Each year, colossal calamities like wildfires, tornadoes and severe storms are the cause of thousands of deaths and injuries with cataclysmic impacts doubled when in emergent nations alongside annihilated homes and tremendous economic loss.

Global Perspective

Hurricane Katrina: Katrina has been the costliest hurricane to date running up to \$108 with a death toll of over 1,800. On the basis of many reports, most of this damage was probably unavoidable while facing a storm like Katrina. The harms should have been faced by finer preparation by the government. A New Orleans news outlet and Politifact stated that the anti-flooding system built after Katrina wouldn't be able to handle another disaster like at bay in an account from Lens. Even a decade after New Orleans was overrun by Hurricane Katrina, it is still recuperating from the disaster that was acknowledged as the third-deadliest hurricane in the history of the U.S., according to the World report and U.S. News.

Haiti Earthquake : The disaster was highly calamitous in Haiti, the poverty-stricken country. It ambushed just as Haiti's fallen economy was starting to grow again. 300,000 people were harmed with 250,000 lives lost. To assist Haiti in the time of need, Australia donated an aid package worth \$9.3 million, India sent \$1 million as help, Venezuela transported medical practitioners, firefighters, and rescue workers and Sweden gave \$850,000, other essentials and a squad to reconstruct the demolished headquarters of the U.N.'s. 1.5 million Individuals were obligated to thrive in provisional IDP. A whopping USD \$ 3.1 billion had been donated for humanitarian aid and was used to pay for field hospitals, plastic tarps, food etc as stated by a [CBS](#) report. (**World Vision, 2019**) Haiti had also been on the lists of „highest vulnerability to disasters“ etc in 2016 as noted by the WorldRiskReport. (**Anon, 2019**) The UN chief had also stated, “The United Nations stands ready to support the Government of Haiti in the response efforts.” (**UN News, 2012**) The following information was taken from a trusted government site and organization thus it is bound to be accurate and does not have biased information.

National perspective

Kashmir Floods: Indicating that the floods were due to intense rain, mismanagement, unplanned urbanization and a lack of preparedness, the CSE pinpointed the reason for the floods. (**Gibbens, 2019**) (**Vithalani and Bansal, 2019**) The following information is accurate as it was taken from a section of a book by the IJARIIT and a trusted science source site, both of which have minimal bias. In rescue attempts, a total of 82 aircraft, 300 boats, etc were utilized as declared by Anil Goswami, the Indian Home Secretary. Over 200,000 people from were rescued by The Armed Forces. As stated by the Home Secretary, to revive critical telecom towers satellite connections, 10 VSAT systems were air lifted. Showing their ingenuity by using Juggar, the Indian Army turned their trucks to charging platforms to charge people's devices. Some states declared an aid of ₹5 crore each, namely Andhra Pradesh, Tamil Nadu and Gujarat. In addition to ₹1,100 crore already set aside. The state government recieved a supplied aid of ₹745 crore from The Prime Minister. Bouncing impacts had very well been unleashed by the Kashmir deluge and the politics too experienced

major change, owing to changes in the major routines of the resident's lives. The mentioned statistics are highly likely to be true as they have been derived from reputable sources such as news websites. (Firstpost, 2019) (Hindustan Times, 2014) (Najar and Masood, 2019) (Vox, 2015) The following information was taken from news sites and scientific article based websites thus it might have some bias and would be to the point.

Although Hurricane Katrina and The Haiti Earthquake were detrimental calamities that occurred due to the works of nature, the Kashmir floods were caused by the collaboration of man-made actions i.e. clogged drains due to pollution and those of nature as well i.e. continuous rainfall. As per the research, the global and national perspective have little variance as both society and governments have worked towards creating safer and sturdier conditions in Kashmir and New Orleans but the developing country of Haiti cannot, due to its suffering economy and colossal costs of rebuilding safer infrastructure.

Causes and Consequences

In the outcome of a natural disaster, the complications can be magnified by the destruction of health systems, sanitation infrastructure, and displacement of people and can also overlap along with war. Approximately 1, 298, 848 people were rendered homeless across the world. Furthermore, the years 2000 to 2009 had to withstand natural disasters which caused destruction worldwide worth \$891 billion, impacting global economy. Although developed countries have more industrial havoc as of when natural disasters occur, the deprivation in the GDP show a much greater burden for low-income countries. (Uwase and Onyango, 2017) The following information was taken from a reference library based site thus there it is very likely to have little or no bias and accuracy.

Course of Action

Locally and nationally, short-term and long-term strategies should be implemented like early-warning systems which can enable the people to vacate the place and also ensure that essentials, food reserves and medicine are maintained.

People should be warned about this issue by informing through websites, the radio, adverts and verbally spreading the knowledge.

(Warfield, n.d.) Reflection:

After researching on this global hurdle, my awareness and outlook on the effects of natural disasters and the prevention schemes implied have changed completely, broadening to a global scale from the constricted understanding of only the subcontinent of India and the annihilation caused to it because of natural disasters. The widespread occurrences of natural disasters worries me as there are more low-income countries in the world than developed ones which can be heavily affected. Promoting the awareness of said disasters can assist people in following the correct procedures during such an event and keep themselves shielded from any harm.

REFERENCES

- [1] Lopez, G. (2015). *7 facts about Hurricane Katrina that show just how incompetent the government response was.* [online] Vox. Available at: <https://www.vox.com/2015/8/23/9191907/hurricane-katrina> [Accessed 3 Nov. 2019].
- [2] Gibbens, S. (2019). [online] nationalgeographic.com. Available at: <https://www.nationalgeographic.com/environment/natural-disasters/reference/hurricane-katrina/> [Accessed 3 Nov. 2019].
- [3] Reid, k. (n.d.). *2010 Haiti earthquake: Facts, FAQs, and how to help | World Vision.* [online] World Vision. Available at: <http://www.worldvision.org/disaster-relief-news-stories/2010-haiti-earthquake-facts> [Accessed 3 Nov. 2019].
- [4] Rashid, T. (2013). * Flood situation grim in Kashmir, army cantonment flooded - Hindustan Times.* [online] <http://www.hindustantimes.com/> Available at: <https://web.archive.org/web/20140907103430/http://www.hindustantimes.com/india-news/-flood-situation-grim-in-kashmir-army-cantonment-flooded/article1-1261140.aspx> [Accessed 8 Nov. 2019].
- [5] Uwase, M. and Onyango, M. (2017). *Natural Disaster - an overview | ScienceDirect Topics.* [online] Scienencedirect.com. Available at: <https://www.sciencedirect.com/topics/earth-and-planetary-sciences/natural-disaster> [Accessed 8 Nov. 2019].
- [6] Warfield, C. (n.d.). *The Disaster Management Cycle.* [online] Gdrc.org. Available at: https://www.gdrc.org/uem/disasters/1-dm_cycle.html [Accessed 15 Nov. 2019].
- [7] Firstpost. (2014). *Over 2.26 lakh people rescued in flood-hit J&K - Firstpost.* [online] Available at: <https://www.firstpost.com/india/2-26-lakh-people-rescued-flood-hit-jk-1713439.html> [Accessed 15 Dec. 2019].
- [8] Najar, N. and Masood, S. (2014). *New York Times.* [online] Available at: https://www.nytimes.com/2014/09/09/world/asia/hundreds-dead-in-flooding-in-india-and-pakistan.html?_r=0 [Accessed 4 Jan. 2020].
- [9] Vitalani, K. and Bansal, N. (n.d.). *Causes and Effect of Kashmir flood.* [pdf] Available at: <https://www.ijariit.com/manuscripts/v3i6/V3I6-1301.pdf> [Accessed 17 Jan. 2020].
- [10] Anonymous (2016). [pdf] Available at: <http://weltrisikobericht.de/wp-content/uploads/2016/08/WorldRiskReport2016.pdf> [Accessed 24 Feb. 2020].
- [11] UN News. (2018). *UN 'stands ready' to support Haiti after earthquake hits northern coast – Guterres.* [online] Available at: <https://news.un.org/en/story/2018/10/1022462> [Accessed 1 Mar. 2020].